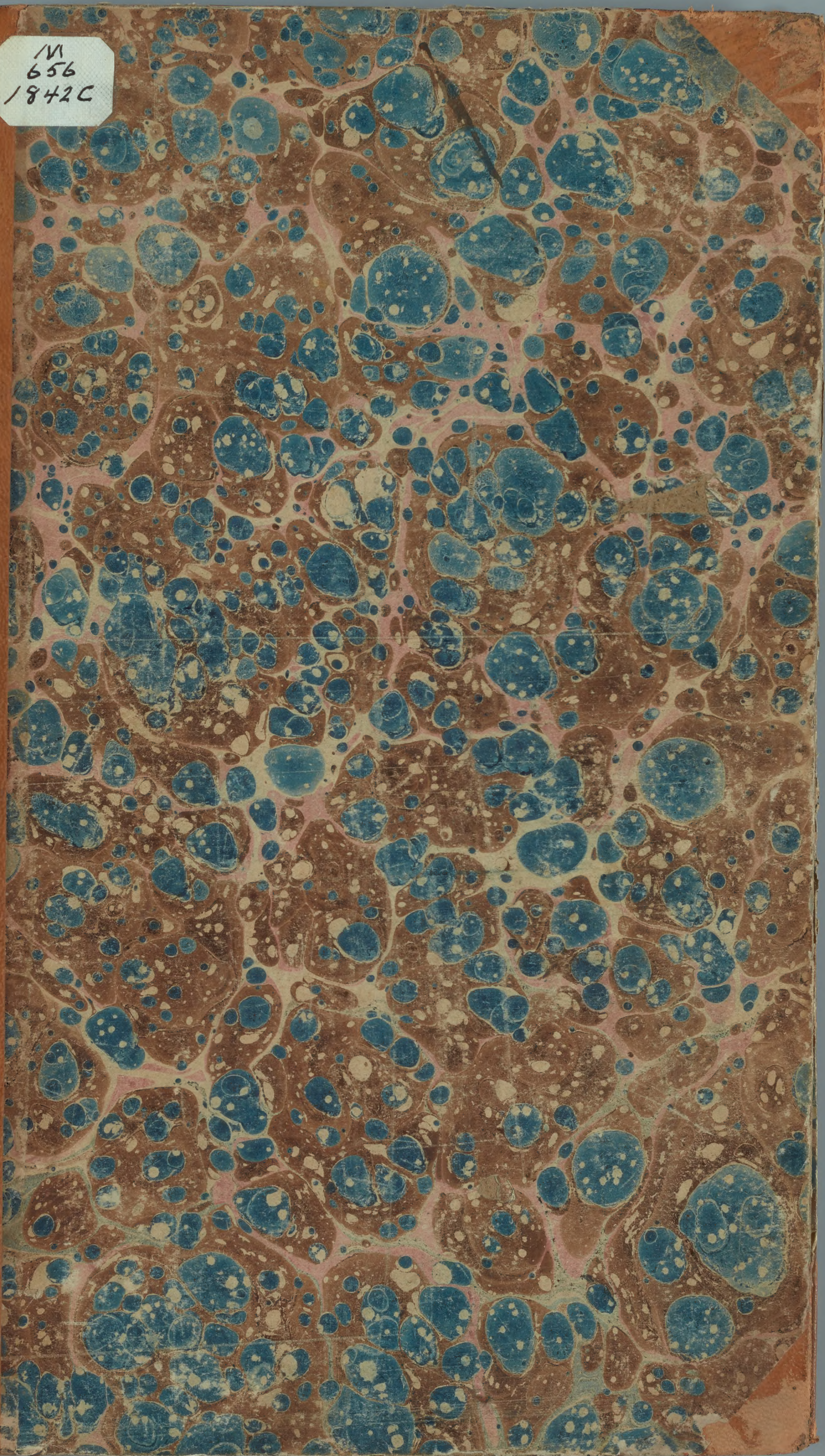


VI
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1842C



Gilbert L. Street

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656
1842 C

ALAN'S JOURNAL

RECORD OF A VOYAGE

From
to
by
of
at



THE END OF THE JOURNAL

At the end of the voyage, the ship returned to the harbor of New York, where it was received by the authorities.

The voyage was successful, and the ship returned to the harbor of New York, where it was received by the authorities. The crew and passengers were all well, and the ship was found to be in good condition.

The voyage was successful, and the ship returned to the harbor of New York, where it was received by the authorities. The crew and passengers were all well, and the ship was found to be in good condition.

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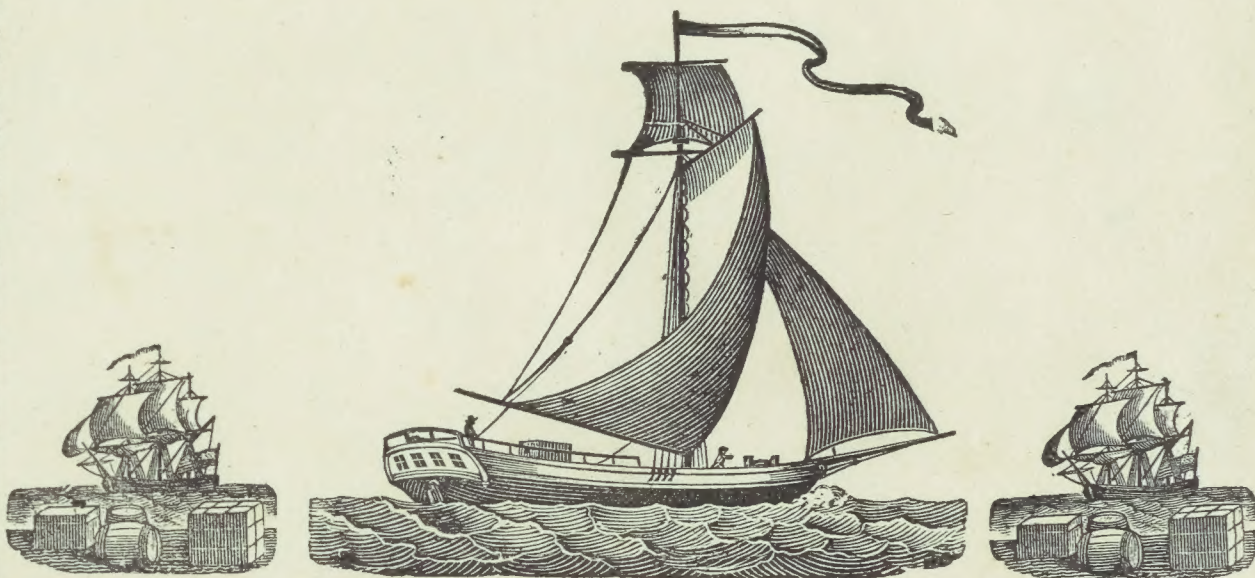


SEAMAN'S JOURNAL.

JOURNAL OF A VOYAGE

From _____ *to* _____
in the _____ *commanded*
by _____
Begun _____ 18 _____ *and*
terminated _____ 18 _____

KEPT BY _____



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THE JOURNAL OF A VOYAGE

TO THE NORTH POLE

IN

1859

AND

BY

DR. J. A. COVILL

OF THE

U. S. NAVY

NEW YORK



THE JOURNAL OF A VOYAGE

TO THE NORTH POLE

IN

1859

AND

BY

DR. J. A. COVILL

OF THE

U. S. NAVY

NEW YORK

No. 1. - 1st Class - 1st Quarter - 1st Year				
No.	Name	Age	Sex	Color
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No. 2. - 2nd Class - 2nd Quarter - 2nd Year				
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Table 1				
No.	Count	White	Black	Remarks
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Table 2				
No.	Count	White	Black	Remarks
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Barque Caroline from Salem towards Janzibar

H.	K.	H.K.	Courses.	Winds.	Lee.	Remarks.
1			ESE			<i>At 8:45 P.M. sailed from the wharf At 10:30 pilot left us, Robert Island bearing N No wind dist At 12 saw a fine standing ship and a number of smaller craft</i>
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						<i>At 12 saw a fine standing ship and a number of smaller craft</i> <i>At 12 with fine breeze and pleasant</i>
12	3		ESE	to No		
1	3					
2	3					
3	4					
4	4					
5	4					
6	5		N E E			
7	5					
8	6					
9	6		ESE			
10	6					
11	6					
12	6					

Course.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
<i>E 73° E</i>	<i>62</i>	<i>17 3</i>	<i>60</i>	<i>42° 16' N</i>		<i>3 1/4 N</i>	<i>1.23 E</i>	<i>69 25 W</i>	

H.	K.	H.K.	Courses.	Winds.	Lee.	Remarks.
1	6		ESE	No		<i>Commence, fine breeze and clear weather all evening & all day</i> <i>Through the night fine breeze and passing clouds</i> <i>Morning sawed main royal yard aloft</i> <i>At 12 fine breeze and pleasant</i>
2	6					
3	6					
4	6					
5	5					
6	5					
7	5					
8	6					
9	6					
10	6					
11	6					
12	6					
1	6					<i>At 12 fine breeze and pleasant</i>
2	5					
3	5					
4	5					
5	5					
6	5					
7	6		ESE	to No		
8	6					
9	6					
10	6					
11	6					
12	6					

Course.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
<i>E 5° E</i>	<i>139</i>	<i>14 3</i>	<i>138</i>	<i>42° 02' N</i>	<i>41° 43' N</i>	<i>3 1/4 N</i>	<i>3.06</i>	<i>65° 39' W</i>	<i>66 12 W</i>

Barque *Lucas* from *Salon* towards *Zanzibar*

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
1	8		ESE	1/2		Commence. Fresh breeze and hazy
2	8					
3	8					
4	8					
5	5					
6	5	1				
7	6					At 3 P.M. lower studding sail
8	6			1/2		At 7 took in lower studding sail
9	6					
10	5	1				
11	5	1				Middle and latter part moderate
12	5			1/2		breeze and pleasant
1	4			1/2		
2	4					
3	4					
4	4					
5	4					
6	4					
7	4					
8	4					
9	4					
10	4	1				
11	4			1/2		
12	4					

Course.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
N 77° E	121.	2 1/2	118 E	41° 16' N	41° 20' N	9° W	2° 36' E	803	612 1/2

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
1	4		1/2	ESE		Commence. and continue through-
2	4					out with moderate breeze and
3	4					pleasant all sail set by the wind
4	4					
5	4					
6	4					
7	4					
8	4		ESE	1/2		
9	4					
10	4		ESE			
11	4					
12	4					
1	4		ESE			
2	4					
3	4					
4	4					
5	4					
6	4					
7	4					
8	4		East	1/2		
9	4					
10	4					
11	4					
12	4					

Course.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
N 89° E	89	2 1/2	89 E	41° 27' N	41° 38' N	11° W	1° 58' E	59, 29	59° 34' W

Run made from *Wales* towards *Long Point*

H.	K.	H.K.	Courses.	Winds.	Lee.	Remarks.
1	5		SE	W		
2	5					
3	5					
4	5					
5	5					commenced with gentle breeze and falling clouds
6	5					
7	5					At 2 h took in 1/2 gail tide
8	5					
9	5					
10	5					
11	5					At night coast made 1/2 mile out
12	5					At 1/2 past 12 h tide
1	4	1				
2	4	1				
3	4	1				
4	4	1				
5	4	1				At 1/2 past 12 h tide
6	4	1				At 1/2 past 12 h tide
7	4	1				
8	4	1				
9	4	1				
10	4	1				
11	4	1				
12	4	1				

Course.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
SE 1/2 E	10.5	10 h	104 E	41° 45'	42° 05'	1 1/2°	2° 18'	71° 16'	65° 50'

H.	K.	H.K.	Courses.	Winds.	Lee.	Remarks.
1	7		SE	W		
2	7					
3	7					At night made 1/2 mile out
4	7					At 2 h took in 1/2 tide
5	7					At 1/2 past 12 h tide
6	7					
7	7					At night made 1/2 mile out
8	7					At 1/2 past 12 h tide
9	7					
10	7					
11	2					
12	2					
1	1	1				
2	1	1				
3	1	1				
4	1	1	SE	W		
5	2	1				
6	2	1				
7	4		SE	W		
8	4					
9	5					
10	5					
11	5					
12	5					

Course.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
SE 1/2 E	6.5	10	64 E	42° 06'		1 1/2°	1° 25'	54° 12'	

From Ansonia from Salem towards Jamaica

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
1	6		ble	ble		Commenced with strong breeze
2	6					and thick rainy weather
3	6					
4	6					
5	6					Spent 2 hours in getting up the main
6	6					top sail
7	6					
8	6		ble			At 10 o'clock received message from
9	6					the land stating the top sail
10	6					
11	6					
12	6					At 11 o'clock the night breeze
1	6					gale with rough sea
2	6					
3	6					At 1 o'clock made sailing down
4	6					to the land
5	6					
6	6					At 2 o'clock received message from
7	6					the land stating the top sail
8	6					at 3 o'clock the top sail
9	6					
10	6					At 4 o'clock the top sail
11	6					At 5 o'clock the top sail
12	6					At 6 o'clock the top sail

Course.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
45° E	148	108°	100°	41° 15'	30° 25'	15°	2.0°	52° 20'	52° 20'

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
1	6		ble	ble		Commenced with strong breeze
2	6					
3	6					
4	6					
5	6					
6	6					At 1 o'clock the night breeze
7	6					with rough sea
8	6					
9	6					
10	6					
11	6					
12	6					
1	6					
2	6					
3	6					
4	6					At 1 o'clock the night breeze
5	6					with rough sea
6	6					
7	6					
8	6					
9	6					
10	6					
11	6					
12	6					

Course.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
61° E	132	162°	156°	36° 45'		15°	2.0°	50° 45'	

Bye David from *W. M.* towards *London*

H.	K.	H.K.	Courses.	Winds.	Lee.	Remarks.
1	10		Wig	Eastly		Commenced with a light breeze and being
2	10					cloudy
3	10					
4	10					
5	10					
6	10					
7	10					
8	10					
9	10					
10	10					
11	10					
12	10					
1	10					
2	10					
3	10					
4	10					
5	10					
6	10					
7	10					
8	10					
9	10					
10	10					
11	10					
12	10					

Course.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
166° 0'	7.2	34° 0'	3.5	35° 11'		19° 1'	1.258	40° 19'	

H.	K.	H.K.	Courses.	Winds.	Lee.	Remarks.
1	10		Wig	Eastly		
2	10					
3	10					
4	10					
5	10					
6	10					
7	10					
8	10					
9	10					
10	10					
11	10					
12	10					
1	10					
2	10					
3	10					
4	10					
5	10					
6	10					
7	10					
8	10					
9	10					
10	10					
11	10					
12	10					

Course.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
19° 10'	6.5	6° 11'	1.0	34° 04'	37° 36'	19° 1'	0° 1'	49° 28'	49° 44'

From *London* from *London* towards *London*

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
1	1		095h	ne		
2	1					
3	1					
4	1					
5	5					
6	1					
7	1					
8	1		095h			
9	1					
10	1					
11	1					
12	1					
1	1		095h			
2	1					
3	1					
4	1					
5	1					
6	1		095h			
7	1					
8	1					
9	1		095h			
10	1					
11	1					
12	1					

Course.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
095h	44	95-8	25	31° 01' N	31° 01' N	11° 16'	32° E	18° 11' N	11° 16' E

From *London* from *London* towards *London*

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
1	1		095h	ne		
2	1					
3	1					
4	1		095h			
5	1					
6	1					
7	1					
8	1					
9	1					
10	1					
11	1					
12	1					
1	2					
2	2					
3	2					
4	2					
5	2					
6	2					
7	2					
8	2					
9	2					
10	2					
11	2					
12	2					

Course.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
095h	14	140	12	31° 01' N	31° 01' N	11° 16'	11° E	18° 11' N	11° 16' E

Run from 10.000 towards 11.000

H.	K.	H.K.	Courses.	Winds.	Lee.	Remarks.
1	5		Black	Black		
2	5					Compass with magnetic variation
3	5					with occasional squalls
4	5					
5	1					
6	1					
7	1					Very much light breeze
8	1					at 1.50 in space
9	1					with light
10	1					
11	1					
12	1					
1	5					Light breeze
2	5					standing
3	5					
4	5					
5	1					Compass with light breeze
6	1					at 1.50 in space
7	1					with light
8	1					
9	1					
10	1					
11	1					
12	1					

Course.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
115°	111	10°	28	35° 21'	36° 21'	18'	35°	130'	36°

H.	K.	H.K.	Courses.	Winds.	Lee.	Remarks.
1	4		SE	SE	1/2	
2	4					Compass with magnetic variation
3	4					with occasional squalls
4	4					
5	1					Very much light breeze
6	1					at 1.50 in space
7	1					with light
8	1					
9	1					
10	1					
11	1					
12	1					
1	5					Light breeze
2	5					standing
3	5					
4	5					
5	1					Compass with light breeze
6	1					at 1.50 in space
7	1					with light
8	1					
9	1					
10	1					
11	1					
12	1					

Course.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
142°	110	18	28	35° 00'	35° 15'	18'	1.00	142°	35° 24'

Quinn's voyage from Salem towards Long Is.

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
1	1	1	1	1	1	1
2	1	1	1	1	1	1
3	1	1	1	1	1	1
4	1	1	1	1	1	1
5	1	1	1	1	1	1
6	1	1	1	1	1	1
7	1	1	1	1	1	1
8	1	1	1	1	1	1
9	1	1	1	1	1	1
10	1	1	1	1	1	1
11	1	1	1	1	1	1
12	1	1	1	1	1	1
1	1	1	1	1	1	1
2	1	1	1	1	1	1
3	1	1	1	1	1	1
4	1	1	1	1	1	1
5	1	1	1	1	1	1
6	1	1	1	1	1	1
7	1	1	1	1	1	1
8	1	1	1	1	1	1
9	1	1	1	1	1	1
10	1	1	1	1	1	1
11	1	1	1	1	1	1
12	1	1	1	1	1	1

Course.	Dist.	Diff. lat.	Dep.	Lat. by D.R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
0 72° E	154	44°	147	34° 31'		181	2° 54'	44° 24'	

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
1	1	1	1	1	1	1
2	1	1	1	1	1	1
3	1	1	1	1	1	1
4	1	1	1	1	1	1
5	1	1	1	1	1	1
6	1	1	1	1	1	1
7	1	1	1	1	1	1
8	1	1	1	1	1	1
9	1	1	1	1	1	1
10	1	1	1	1	1	1
11	1	1	1	1	1	1
12	1	1	1	1	1	1
1	1	1	1	1	1	1
2	1	1	1	1	1	1
3	1	1	1	1	1	1
4	1	1	1	1	1	1
5	1	1	1	1	1	1
6	1	1	1	1	1	1
7	1	1	1	1	1	1
8	1	1	1	1	1	1
9	1	1	1	1	1	1
10	1	1	1	1	1	1
11	1	1	1	1	1	1
12	1	1	1	1	1	1

Course.	Dist.	Diff. lat.	Dep.	Lat. by D.R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
0 72° E	139	39	139	4° 44'		180	2° 40'	41° 44'	

St. Pierre from *St. Pierre* towards *St. Pierre*
Monday, 11th 1842

H.	K.	H.K.	Courses.	Winds.	Lee.	Remarks.
1	1		112	11		
2	1					
3	1					
4	1		112			
5	1					
6	1					
7	1					
8	1					
9	1					
10	1					
11	1					
12	1					
1	1					
2	1					
3	1					
4	1					
5	1					
6	1					
7	1					
8	1					
9	1		112			
10	1					
11	1					
12	1					

Course.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
112	11	60	102	34		19	20	29	44

H.	K.	H.K.	Courses.	Winds.	Lee.	Remarks.
1	3		112	11		
2	3					
3	3					
4	3		112			
5	3		112			
6	3		112			
7	3		112			
8	3		112			
9	3		112			
10	3		112			
11	3		112			
12	3		112			
1	3					
2	3					
3	3					
4	3					
5	3					
6	3					
7	3					
8	3					
9	3					
10	3					
11	3					
12	3					

Course.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
112	12	52	25	32		20	31	30	13

Baranavigation from 110° 11' towards 7 1/2 N 1/2 E
Monday 24th 1842

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
1	5		1/2 E	1/2 E	2 1/2	
2	5		1/2 E	1/2 E	2 1/2	
3	5		1/2 E	1/2 E	2 1/2	
4	5		1/2 E	1/2 E	2 1/2	
5	5		1/2 E	1/2 E	2 1/2	
6	5		1/2 E	1/2 E	2 1/2	
7	5		1/2 E	1/2 E	2 1/2	
8	5		1/2 E	1/2 E	2 1/2	
9	5		1/2 E	1/2 E	2 1/2	
10	5		1/2 E	1/2 E	2 1/2	
11	5		1/2 E	1/2 E	2 1/2	
12	5		1/2 E	1/2 E	2 1/2	
1	5		1/2 E	1/2 E	2 1/2	
2	5		1/2 E	1/2 E	2 1/2	
3	5		1/2 E	1/2 E	2 1/2	
4	5		1/2 E	1/2 E	2 1/2	
5	5		1/2 E	1/2 E	2 1/2	
6	5		1/2 E	1/2 E	2 1/2	
7	5		1/2 E	1/2 E	2 1/2	
8	5		1/2 E	1/2 E	2 1/2	
9	5		1/2 E	1/2 E	2 1/2	
10	5		1/2 E	1/2 E	2 1/2	
11	5		1/2 E	1/2 E	2 1/2	
12	5		1/2 E	1/2 E	2 1/2	

Course.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
7 1/2 E	90	1 1/2	20 1/2	31° 25'		1/2	1° 46'	2 1/2	

Monday 24th 1842

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
1	5		1/2 E	1/2 E	2 1/2	
2	5		1/2 E	1/2 E	2 1/2	
3	5		1/2 E	1/2 E	2 1/2	
4	5		1/2 E	1/2 E	2 1/2	
5	5		1/2 E	1/2 E	2 1/2	
6	5		1/2 E	1/2 E	2 1/2	
7	5		1/2 E	1/2 E	2 1/2	
8	5		1/2 E	1/2 E	2 1/2	
9	5		1/2 E	1/2 E	2 1/2	
10	5		1/2 E	1/2 E	2 1/2	
11	5		1/2 E	1/2 E	2 1/2	
12	5		1/2 E	1/2 E	2 1/2	
1	5		1/2 E	1/2 E	2 1/2	
2	5		1/2 E	1/2 E	2 1/2	
3	5		1/2 E	1/2 E	2 1/2	
4	5		1/2 E	1/2 E	2 1/2	
5	5		1/2 E	1/2 E	2 1/2	
6	5		1/2 E	1/2 E	2 1/2	
7	5		1/2 E	1/2 E	2 1/2	
8	5		1/2 E	1/2 E	2 1/2	
9	5		1/2 E	1/2 E	2 1/2	
10	5		1/2 E	1/2 E	2 1/2	
11	5		1/2 E	1/2 E	2 1/2	
12	5		1/2 E	1/2 E	2 1/2	

Course.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
7 1/2 E	45	3 1/2	20 1/2	31° 50'		1/2	34° 0'	36° 5'	

Barren Island from Salem towards Boston

H.	K.	H.K.	Courses.	Winds.	Lee.	Remarks.
1	h		to the North			
2	h	1	to the North			
3	h	1	to the North			
4	h	1	to the North			
5	h	1	to the North			
6	h	1	to the North			
7	h	1	to the North			
8	h	1	to the North			
9	h	1	to the North			
10	h	1	to the North			
11	h	1	to the North			
12	h	1	to the North			
1	h	1	to the North			
2	h	1	to the North			
3	h	1	to the North			
4	h	1	to the North			
5	h	1	to the North			
6	h	1	to the North			
7	h	1	to the North			
8	h	1	to the North			
9	h	1	to the North			
10	h	1	to the North			
11	h	1	to the North			
12	h	1	to the North			

Course.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
to the North	6.5	1.8	2.0	31.32		1.5	1.2	3.5	

H.	K.	H.K.	Courses.	Winds.	Lee.	Remarks.
1	h		to the North			
2	h		to the North			
3	h		to the North			
4	h		to the North			
5	h		to the North			
6	h		to the North			
7	h		to the North			
8	h		to the North			
9	h		to the North			
10	h		to the North			
11	h		to the North			
12	h		to the North			
1	h		to the North			
2	h		to the North			
3	h		to the North			
4	h		to the North			
5	h		to the North			
6	h		to the North			
7	h		to the North			
8	h		to the North			
9	h		to the North			
10	h		to the North			
11	h		to the North			
12	h		to the North			

Course.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
to the North	4.5	1.2	1.2	30.48	30.00	1.5	1.2	3.5	36.2

Savannah from *Worm* towards *Sancti Spiritus*

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
1	カ		North	SE		
2	カ					
3	カ					
4	カ					
5	カ					
6	カ					
7	カ					
8	カ					
9	カ					
10	カ					Barometer - 29.5 - 30.0
11	カ					Barometer - 30.0 - 30.5
12	カ					Barometer - 30.5 - 31.0
1	カ					
2	カ					
3	カ					
4	カ					
5	カ					
6	カ					
7	カ					
8	カ					
9	カ					
10	カ					
11	カ					
12	カ					

Course.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
N 20° E	90	16 N	97 E	30° 22'		1/2°	56'	37° 32'	6

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
1	カ		SE			
2	カ					
3	カ					
4	カ					
5	カ					
6	カ					
7	カ					
8	カ					
9	カ					
10	カ					
11	カ					
12	カ					
1	カ					
2	カ					
3	カ					
4	カ					
5	カ					
6	カ					
7	カ					
8	カ					
9	カ					
10	カ					
11	カ					
12	カ					

Course.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
N 20° E	65	11 N	54 E	30° 26'		1/2°	1° 2'	23° 30'	4

Barque *Caroline* from *London* towards *London*

H.	K.	H.K.	Courses.	Winds.	Lee.	Remarks.
1	2		Coast	South		
2	2					
3	2					
4	2					
5	2					
6	2					
7	2	1	W. S. W.			Through the twenty four hour
8	2	1				light breeze and pleasant all day
9	2					equitable
10	2					
11	2					
12	2					
1	2		22° E	W. S. W.		
2	2					At 6 P. M. started by 1/2 3/4
3	2					
4	2					
5	2	1				
6	2	1				At 12 P. M. started by 1/2 3/4
7	2	1				
8	2	1				
9	2					
10	2					
11	2	1				
12	2	1				

Course.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
22° E	51	4.32	2.58	29° 43'		1/2 W.	32' E	31.55 W.	

H.	K.	H.K.	Courses.	Winds.	Lee.	Remarks.
1	2		Coast	South		
2	2					
3	2					
4	2					
5	2					
6	2					
7	2					
8	2					
9	2	1				Through the twenty four hour
10	2	1				light breeze and pleasant
11	2	1				equitable
12	2	1				
1	2	1				At 1 P. M. started by 1/2 3/4
2	2	1				
3	2	1	South			
4	2	1				
5	2	1				At 2 P. M. started by 1/2 3/4
6	2	1				
7	2	1				
8	2	1				
9	2	1				Through the twenty four hour
10	2	1				light breeze and pleasant
11	2	1				equitable
12	2	1				

Course.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
24° E	64	5.55	2.66	28° 45'	30° 25'	1/2 W.	1° 8'	30.55 W.	

Sagehen from *Mon* towards *San Blas*
 H. K. H. K. Courses. Winds. Lee. Remarks. *Monday Nov 4th '82*

1	カ					
2	カ					
3	カ					
4	カ					
5	カ					
6	カ					
7	カ					
8	カ					
9	カ					
10	カ					
11	カ					
12	カ					
1	カ					
2	カ					
3	カ					
4	カ					
5	カ					
6	カ					
7	カ					
8	カ					
9	カ					
10	カ					
11	カ					
12	カ					

*Drummond. The weather very
 heavy & moderate breeze wind
 pleasant*
At 11 P.M. tacked to the starboard
*Following & exchanged colors with the
 English. Sailed steering towards*

Course.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
<i>N 78° 10' E</i>	<i>40</i>	<i>16 N</i>	<i>27 E</i>	<i>30° 22' N</i>		<i>16 E</i>	<i>56'</i>	<i>34° 32' W</i>	

H. K. H. K. Courses. Winds. Lee. Remarks. *Tuesday Nov 5th '82*

1	カ					
2	カ					
3	カ					
4	カ					
5	カ					
6	カ					
7	カ					
8	カ					
9	カ					
10	カ					
11	カ					
12	カ					
1	カ					
2	カ					
3	カ					
4	カ					
5	カ					
6	カ					
7	カ					
8	カ					
9	カ					
10	カ					
11	カ					
12	カ					

*At 11 P.M. tacked to the
 starboard. The weather
 heavy & moderate breeze wind
 pleasant*
*At 5 P.M. tacked to the
 starboard*
*At 8 P.M. tacked to the
 starboard*
*At 10 P.M. tacked to the
 starboard*

Course.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
<i>N 78° 10' E</i>	<i>45</i>	<i>4 N</i>	<i>40 E</i>	<i>30° 26' N</i>		<i>18 E</i>	<i>1° 2' 30"</i>	<i>33° 00' W</i>	

Barque sailed from *London* towards *London* *Wednesday 10th 1842*

H.	K.	H.K.	Courses.	Winds.	Lee.	Remarks.
1	2					
2	2					
3	2					
4	2					
5	2					
6	2					
7	2	1	W. S. W.			Through the twenty four hour light breeze and pleasant all day equitable.
8	2	1				
9	2					
10	2					
11	2					
12	2					
1	2		W. S. W.			At 6 P.M. tacked ship to the S. W.
2	2					
3	2					
4	2					
5	2	1				At 12 tacked ship to the S. W.
6	2	1				
7	2	1				
8	2	1				
9	2					
10	2					
11	2	1				
12	2	1				

Course.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
2, 32° E	51	4.32	25.6	29° 43'		1.5 W	32° E	31.55 W	

H.	K.	H.K.	Courses.	Winds.	Lee.	Remarks.
1	2					
2	2					
3	2					
4	2					
5	2					
6	2					
7	2					
8	2					
9	2	1				Through the twenty four hour light breeze and pleasant all day equitable.
10	2	1				
11	2	1				
12	2	1				
1	2	1				At 1 P.M. tacked ship to the S. W.
2	2	1				
3	2	1				
4	2	1				
5	2	1				At 6 P.M. tacked ship to the S. W.
6	2	1				
7	2	1				
8	2	1				
9	2	1				At 12 tacked ship to the S. W.
10	2	1				
11	2	1				
12	2	1				

Course.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
2, 24° E	64	5.85	26.6	28° 45'	30° 05'	1.5 W	1° 08'	30.55 W	

St. Anne's from *Y. S. S. S.* towards *St. Michael*
Friday Nov 11th 1842

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
1	2					
2	2					
3	2					
4	2					
5	2					
6	2					
7	2					
8	2					
9	2					
10	2					
11	2					
12	2					
1	2					
2	2					
3	2					
4	2					
5	2					
6	2					
7	2					
8	2					
9	2					
10	2					
11	2					
12	2					

St. Anne's *St. Michael*
near light winds and cloudy
at daylight said sea
at 11 AM. 1/2 mile round on the
starboard tack
at noon tacked ship

Course.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
<i>2.5° E.</i>	<i>6.0</i>	<i>5.4</i>	<i>2.5</i>	<i>2.2</i>		<i>15.0</i>	<i>29.0</i>	<i>30.2</i>	<i>21.5</i>

St. Anne's from *Y. S. S. S.* towards *St. Michael*
Saturday Nov 12th 1842

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
1	2					
2	2					
3	2					
4	2					
5	2					
6	2					
7	2					
8	2					
9	2					
10	2					
11	2					
12	2					
1	2					
2	2					
3	2					
4	2					
5	2					
6	2					
7	2					
8	2					
9	2					
10	2					
11	2					
12	2					

St. Anne's *St. Michael*
at 11 AM. 1/2 mile round on the
starboard tack
at noon tacked ship

Course.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
<i>2.5° E.</i>	<i>6.0</i>	<i>5.4</i>	<i>2.5</i>	<i>2.2</i>		<i>15.0</i>	<i>29.0</i>	<i>30.2</i>	<i>21.5</i>

Alague, avulice from *Y. L. M.* towards *J. G. M.*
 Monday Dec. 13th 1842

H.	K.	H.K.	Courses.	Winds.	Lee.	Remarks.
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						

Course.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
1	15	29'	15'	2, 36'	2, 44'	1'	1'	33'	

H.	K.	H.K.	Courses.	Winds.	Lee.	Remarks.
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						

Course.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
1	20	27'	0'	2, 16'		1'	11'	21'	

Distance carried from 14. 7. 111 towards 17. 12. 101

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
1	2		1st	1st		1st
2	2					
3	2					
4	2					
5	2					
6	2					
7	2					
8	2					
9	2					
10	2					
11	2					
12	2					
1	2					
2	2					
3	2					
4	2					
5	2					
6	2					
7	2					
8	2					
9	2					
10	2					
11	2					
12	2					

Course.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
0, 10° 16'	0.3	022, 6	15 1/2	25° 44' 11"		13 1/2	15 1/2	2.208	

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
						Reconnoitered on 16 th 1841

1	4	43	63	
2	4			
3	4			
4	4			
5	4			
6	4			
7	4			
8	4			
9	4			
10	4			
11	4			
12	4			
1	4			
2	4			
3	4			
4	4			
5	4			
6	4			
7	4			
8	4			
9	4			
10	4			
11	4			
12	4			

Course.	Dist.	Diff. lat.	Dep.	Lat. by D.R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long by Ob.
N 8° E	101	101	5 1/2	24° 38'		15° 6'	6 1/2	33 1/2	

Blonde Saver from *Green* towards *Porto Rico*
Thursday Oct. 12th 1842

1332

H.	K.	H.K.	Courses.	Winds.	Lee.	Remarks.
1	1	1	10/10	ESE		
2	1	1				
3	1	1				
4	1	1				
5	1	1				
6	1	1				
7	1	1				
8	1	1	South			
9	1	1				
10	1	1				
11	3	1				
12	1	1	10/10			
1	1	1				
2	1	1				
3	1	1				
4	3	1				
5	3	1				
6	3	1				
7	3	1				
8	1	1				
9	3	1				
10	1	1				
11	3	1				
12	3	1				

*Sp. 14. Strong breeze from
 North. Moderate breeze and fine
 weather. All day sailing with sea.*

Course.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
10/10	12.5	23.5	9.6	22.00N		14.0	10.8	3.3	10.8

14

H.	K.	H.K.	Courses.	Winds.	Lee.	Remarks.
1	1	1	10/10	SE		
2	1	1				
3	1	1				
4	1	1				
5	3	1				
6	3	1				
7	3	1				
8	3	1	South	SE		
9	1	1				
10	3	1				
11	3	1				
12	3	1				
1	3	1				
2	3	1				
3	3	1				
4	3	1	10/10	SE		
5	3	1				
6	3	1				
7	3	1				
8	1	1				
9	3	1				
10	3	1				
11	3	1				
12	3	1				

*Sp. 14. Strong breeze from
 North. Moderate breeze and fine
 weather. All day sailing with sea.
 14.2 P.M. 1st. Starboard main
 top gall stuck in sail.
 14.3 P.M. 2nd. Port main
 top gall stuck in sail.
 14.4 P.M. 3rd. Port main
 top gall stuck in sail.
 14.5 P.M. 4th. Port main
 top gall stuck in sail.*

Course.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
10/10	10.7	10.4	27.6	20.16N		14.0	29.6	32.3	32.3

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
						Wednesday 10 th 1842

Course.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by O
26 14° E	21	2.33	156	16° 0.2'	28	1.3%	19' 6"	121° 46'	

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
						June 20 th 184

Course.	Dist.	Diff. lat.	Dep.	Lat. by D.R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long by Ob.
					20 1/2				

Barque Caroline from *Lutter* towards *Amsterdam*

H.	K.	H.K.	Courses.	Winds.	Lee.	Remarks.
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						

cast

During the twenty four hours moderate breeze and pleasant
At 2 P.M. set 3. 1/2. Sudding sail

Course.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.

15.034

H.	K.	H.K.	Courses.	Winds.	Lee.	Remarks.
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						

cast

Throughout the twenty four hours strong breeze and pleasant
At 2 P.M. set main top, gaff & hatching
At 3 set " " mast "
La peca & tongue standing
At 5 set 11th in after standing

Course.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.

13.144

Barque Samuels from Salem towards *Richmond Dec 23rd 1842*

*30
13*

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						

SE

Continued with strong trade and pleasant

Continued the same throughout

Course.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.

40

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						

SE

Continued with strong trade and pleasant

Course.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.

8° 35'

43 *Albatross* from *Patagonia* towards *San Pedro*

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						

*At 10 o'clock took twenty four
hours light sail, being caught
between the great rollers and squalls
took up and set light sail as
required*

Course.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.

44 *Albatross* from *Patagonia* towards *San Pedro*

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						

*Heaving
to the
ward*

*At 10 o'clock took twenty four
hours light sail, being caught
between the great rollers and squalls, took up
and set light sail as required*

*At 8 o'clock took in all light sail
and took in the top sail*

*At 10 o'clock took in all light sail
and took in the top sail*

Course.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.



H.	K.	H.K.	Courses.	Winds.	Lee.	Remarks.
1						Wednesday Jan 28 th 1842
2						
3						
4						
5						
6						
7						
8						Commenced light breeze and
9						weather
10						
11						
12						Middle and latter part calm
1						as yesterday
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						

[illegible]

H.	K.	H.K.	Courses.	Winds.	Lec.	Remarks.
1				5 1/2		Wednesday. 6 th 29 th 41

H.	K.	H.K.	Courses.	Winds.	Lee.	Remarks.
						Wednesd. Lag. Oct 29 th
1				5thly		
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						

[illegible]

Robert the Slave
from Guinea towards London

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						

356

Commenced rec. H. calms 160

Light and rather fresh breeze and pleasant

3

Course.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.

55'

75

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						

466
310

27
21 m. ago. 14.5. Twenty four hours steady breeze and pleasant

3

Course.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.

20'

Barque Parahit from *Yalor* towards *Panama*

H. K. H.K. Courses. Winds. Lee. Remarks. *Saturday Dec 3rd 1842*

1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						

Throughout the twenty four hours moderate trades and pleasant



Course. Dist. Diff. lat. Dep. Lat. by D. R. Lat. by Ob. Varia. Diff. Long. Long. in. Long. by Ob.

1:58 1/2

H. K. H.K. Courses. Winds. Lee. Remarks. *Sunday Dec 4th 1842*

1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						

SE


Throughout the twenty four hours fine trade and pleasant

Course. Dist. Diff. lat. Dep. Lat. by D. R. Lat. by Ob. Varia. Diff. Long. Long. in. Long. by Ob.

3:53 1/2

51
from *S. Hall* towards *S. Hall*
Dutch Harbor
Dec. 1st 1847

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.	Course.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
1																
2																
3																
4																
5																
6																
7																
8																
9																
10																
11																
12																
1																
2																
3																
4																
5																
6																
7																
8																
9																
10																
11																
12																
Course.		Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.						

37
Sp. 11.00 a.m. first time of year
hour, fine trade, and pleasant
with occasional squalls


52
from *S. Hall* towards *S. Hall*
Dutch Harbor
Dec. 6th 1847

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.	Course.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
1																
2																
3																
4																
5																
6																
7																
8																
9																
10																
11																
12																
1																
2																
3																
4																
5																
6																
7																
8																
9																
10																
11																
12																
Course.		Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.						

37
Sp. 11.00 a.m. first time of year
hour, fine trade, and pleasant
with occasional squalls

(Morning exchanged co. with
a British cargo steamer)

A moon seen as ship ahead steering
about 30°

5° *5° 02'* *29° 52'*

Baroness from *Halm* towards *San Juan*
Redhead Dec 1st 1849

53

H.	K.	H.K.	Courses.	Winds.	Lee.	Remarks.
1				SE		
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						

*Through ice, took twenty-four
 hours, fine track, and pleasant*

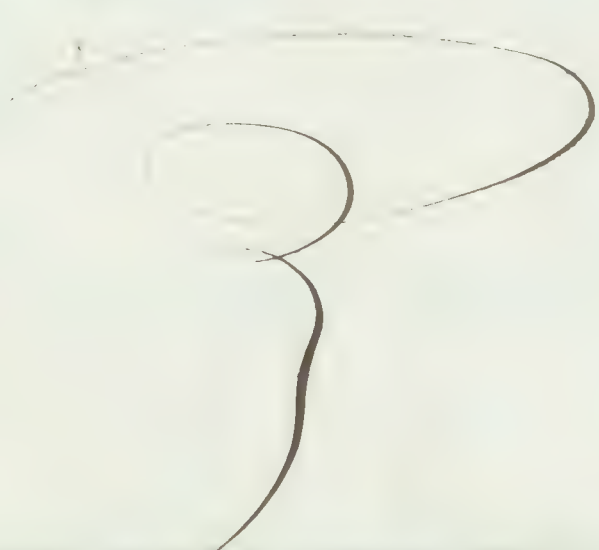


Course.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
					102.2				

H.	K.	H.K.	Courses.	Winds.	Lee.	Remarks.
1				SE		
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						

54

*Throughout these twenty-four
 hours fine track, and pleasant*



Course.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
					131.6				

towards

towards

Amesbury Dec. 9th 1842

5. *Strong how! that twenty four
 year's medicine trades and
 ready*

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
						Saturday Dec 10 th 1892

H. K.	H. K.	Courses.	Winds.	Lee.	Remarks.
					Sunday Dec 10 th 1872

77. At 1st light breeze four
hours fine trade and pleasant
except a few light showers.

Course.	Dist.	Diff. lat.	Dep.	Lat. by D.R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long by Ob.
					150 1/2				

Barque *Savaria* from *Salem* towards *Long Island*
Dec 11th Sunday 1842 (5)

H.	K.	H.K.	Courses.	Winds.	Lee.	Remarks.
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						

Course.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
					10° 29'				

H. K. H.K. Courses. Winds. Lee. Remarks. *Sunday Dec 12 1842*

1	6		NE	ESE		
2	6					
3	6					
4	6					
5	5	1				
6	5					
7	5	1				
8	5	1				
9	5					
10	5					
11	5					
12	5					
1	5					
2	5					
3	5					
4	5					
5	5					
6	5					
7	4					
8	4					
9	5					
10	5					
11	5					
12	5					

Course.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
12.5° E	5.5	5.17	236	21° 10'	21° 33'	6°	2.5° E	28° 46'	29° 11'

Barre Harb. from Harb. towards Jany Har

50

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
1	4	1	SE	SE		
2	4					
3	4					
4	4					
5	4					
6	4					
7	3	1				
8	4					
9	4					
10	5					
11	5	1				
12	5	1				
1	5					
2	5					
3	5					
4	4	1				
5	4	1				
6	4	1				
7	4	1				
8	4	1				
9	5					
10	5					
11	5					
12	5					

Surround the twenty four hours moderate breeze and

at 2 set main top, well standing sail

at morning set main top standing sail

Course.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
SE 41	113	4° 10'	6° 20'	23° 40'	23° 10'	1° 30'	1° 30'	23° 20'	27° 55'

(60)

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
1	4		SE	SE		
2	4					
3	3	1				
4	3	1				
5	4	1				
6	5	1				
7	5					
8	5					
9	5					
10	5					
11	5	1	SE	SE		
12	5	1				
1	6					
2	6					
3	6	1				
4	6	1				
5	6					
6	6					
7	8					
8	8	1				
9	8	1				
10	8	1				
11	8	1				
12	8	1				

Surround the twenty four hours moderate breeze and

at 2 set lower standing sail

Course.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
SE 41	136	11° 10'	5° 20'	25° 10'	25° 20'	3/4°	1° 24'	26° 00'	26° 10'

Variant Sailing from Salem towards Jan 1842

H.	K.	H.K.	Courses.	Winds.	Lee.	Remarks.
1	2	3	4	5	6	7
8	9	10	11	12	1	2
3	4	5	6	7	8	9
10	11	12	1	2	3	4
5	6	7	8	9	10	11
12	1	2	3	4	5	6
7	8	9	10	11	12	1
2	3	4	5	6	7	8
9	10	11	12	1	2	3
4	5	6	7	8	9	10
11	12	1	2	3	4	5
6	7	8	9	10	11	12

*Throughout these twenty four
hours fine breeze and pleasant
all requisite sail set*

(61)

Course.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
<i>NE 1/2 E</i>	<i>16</i>	<i>1 1/2</i>	<i>158</i>	<i>23 32</i>	<i>27 38</i>	<i>3 1/2</i>	<i>2 1/2</i>	<i>23 51</i>	<i>23 56</i>

H.	K.	H.K.	Courses.	Winds.	Lee.	Remarks.
1	2	3	4	5	6	7
8	9	10	11	12	1	2
3	4	5	6	7	8	9
10	11	12	1	2	3	4
5	6	7	8	9	10	11
12	1	2	3	4	5	6
7	8	9	10	11	12	1
2	3	4	5	6	7	8
9	10	11	12	1	2	3
4	5	6	7	8	9	10
11	12	1	2	3	4	5
6	7	8	9	10	11	12

*Most part fine breeze and cloudy
all obtaining sail set*

*After 10:30 no breeze and thick rain
weather*

(62)

Course.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
<i>NE 1/2 E</i>	<i>16.5</i>	<i>1 1/2</i>	<i>118</i>	<i>30 00</i>		<i>3 1/2</i>	<i>2 1/2</i>	<i>21 51</i>	

Barge Carver from *Swallow* towards *San Juan*

(6.3)

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
1	2	1	SE	4/5		
2	6	1		SE		
3	3					
4	2	1				
5	2	1				
6	2	1				
7	2	1				
8	7	1				
9	1					
10	1	1				
11	1					
12	2	1	SE	South		
1	2	1				
2	2	1				
3	2	1				
4	3	1				
5	3	1	SE			
6	3	1				
7	3	1				
8	4	1				
9	4	1				
10	4	1	SE			
11	4	1				
12	4	1				

Seamanship with moderate breeze and thick hazy weather all day

At 30th 2nd wind shifted to the SE hauled in all standing sails, braced up on the starboard tack and all evening sail set

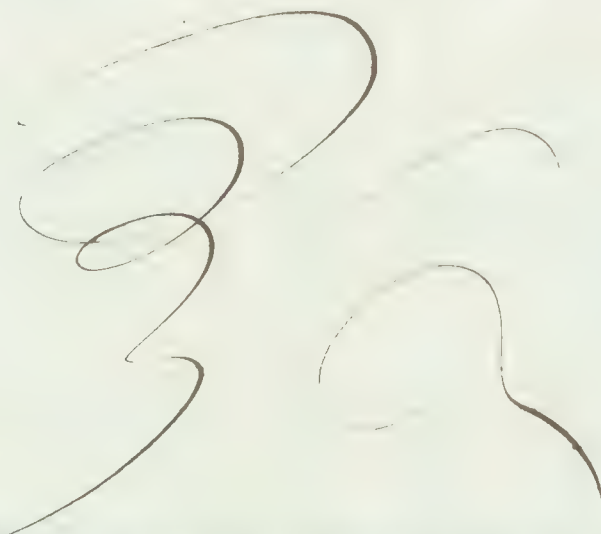
Light breeze moderate breeze and cloudy with occasional showers

Course.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
SE	68	24'	62'	30° 24'		3/4	1° 12'	20° 32'	

(6.4)

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
1	4		SE	4/5		
2	4					
3	4					
4	4					
5	4					
6	4					
7	4					
8	4					
9	4					
10	4					
11	4					
12	4	1				
1	4	1	SE			
2	4	1				
3	4	1				
4	4	1				
5	4	1				
6	4	1				
7	4	1				
8	4	1				
9	4	1				
10	4	1				
11	4	1				
12	4	1				

At 1st the Sloop four hours north of Cape and pleasant



Course.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
SE	99	54'	99'	30° 24'	29° 24'	12'	1° 53'	18° 40'	17° 49'

Buque Saver from *Salem* towards *San Diego*

H.	K.	H.K.	Courses.	Winds.	Lee.	Remarks.
1	4		East	NSE		
2	4					
3	4					
4	4					
5	4					
6	4		ESE			
7	4		NSE			
8	4					
9	4					
10	4		ESE			
11	4					
12	4					
1	4		ESE			
2	4					
3	4					
4	4					
5	4		NSE			
6	4					
7	4					
8	4					
9	4					
10	4					
11	4					
12	4					

Throughout the twenty four hours moderate breeze backing and veering - all necessary sail set

*At 8 P.M. took ship to the Sward & forward
At 10 P.M. took ship to the Eastward
At 4 P.M. took ship to the S.E.*

Course.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
N 10° E	20	22 S	15 E	29° 40' N	29° 40' N	11° E	21° E	15° 10' W	123° 38' W

H.	K.	H.K.	Courses.	Winds.	Lee.	Remarks.
1	4	1	West	NSE		
2	4	1				
3	4	1				
4	4	1				
5	4	1				
6	4	1				
7	4	1				
8	4	1				
9	4	1	NSE			
10	4	1				
11	4	1				
12	4	1				
1	4	1	NSE			
2	4	1				
3	4	1				
4	4	1				
5	4	1				
6	4	1				
7	4	1				
8	4	1				
9	4	1				
10	4	1				
11	4	1				
12	4	1				

Throughout the twenty four hours moderate breeze and backing and veering - all requisite sail set by the wind

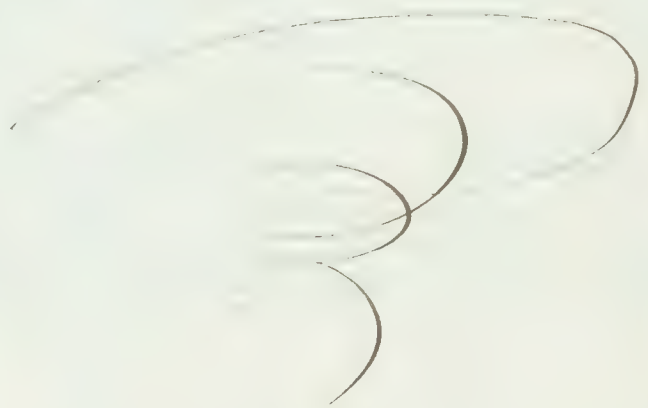
Course.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
N 24° E	106	92 S	43 E	31° 15' N	31° 30' N	10° E	50° E	100° 00' W	15° 34' W

Batavia from *Sumatra* towards *Batavia*

1571

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
1	4		N ^W E	E		
2	4					
3	4					
4	4					
5	4					
6	4					
7	4					
8	4					
9	3	1				
10	3	1				
11	4					
12	4					
1	3	1				
2	3	1				
3	3	1				
4	3	1				
5	3	1				
6	3	1				
7	3	1				
8	3	1				
9	3	1				
10	3	1				
11	3	1				
12	3	1				

*Through out the trip our
hourly moderate and light
wind. All hauling sail set by
the wind*



Course.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
N ^W E	50	20	20	33° 03'	33° 07'	0°	24'	193° 4'	19° 05'

1572

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
1	3		N ^W E	E		
2	3					
3	3					
4	3					
5	3					
6	3					
7	3					
8	3					
9	2					
10	2					
11	2					
12	2					
1	2		N ^W E	E		
2	2					
3	2					
4	2					
5	1	1	N ^W E	E		
6	1	1				
7	1	1				
8	1	1				
9	2		N ^W E	E		
10	2					
11	2					
12	2					

*Through out the twenty days
our light wind and pleasant
the wind. All hauling sail set by*



Course.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
N ^W E	52	52	52	34° 15'	34° 22'	0°	8'	193° 4'	19° 05'

Barque *Sanibel* from *Havana* towards *Sanibel*
 Sunday Dec 23 1842 (69)

H.	K.	H.K.	Courses.	Winds.	Lee.	Remarks.
1	3		h e	h e		
2	3					
3	3					
4	3		h e			
5	3					
6	3					
7	2					
8	2					
9	1					
10	1		h e			
11	2					
12	2					
1	2					
2	2					
3	2					
4	2					
5	2					
6	3					
7	3		h e			
8	3	1				
9	3	1				
10	3	1				
11	3	1				
12	3	1				

Strong but the twenty year
 heavy light winds and pleasant
 All during sail set by the wind
 At 10 tacked ship to the S E
 At 3 PM tacked ship to the Sward E E word

Course.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
123° E	44	40'	1'E	34° 42'	34° 45'	8' W	21' E	19° 20' W	19° 00' W

H.	K.	H.K.	Courses.	Winds.	Lee.	Remarks.
1	2		h e	h e		
2	2					
3	2					
4	2		h e			
5	3		h e			
6	3		h e			
7	3		h e			
8	3					
9	3	1				
10	3	1				
11	3	1				
12	3	1				
1	3					
2	3					
3	3					
4	3					
5	3					
6	3					
7	3					
8	3					
9	3					
10	3	1				
11	3	1				
12	3	1				

Commenced with moderate wind
 and fine weather all during sail set
 by the wind

At 11 30 PM set 1st barque! main top gall
 and 2nd top! mast standing sail
 At 12 30 PM set 2nd barque! lower and
 top! main top gall and 2nd top! mast standing
 sail
 At 1 PM set 3rd barque! top gall
 and 2nd top! mast standing sail

At 4 PM and latter part good breeze and making
 progress

Course.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
122° E	97	30'	92'E	35° 15'	35° 23'	8' W	1° 52' E	17° 24' W	17° 00' W

Barque *Caravel* from *Norfolk* towards *Zanzibar*
 711 Sunday Dec 25th 1842

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
1	6		SE	hlc		
2	6					
3	6	1				
4	6	1				
5	6	1				
6	6	1				
7	6	1				
8	6	1				
9	6	1				
10	6	1				
11	6	1				
12	6	1				
1	6	1				
2	6	1				
3	6	1				
4	6	1				
5	6	1				
6	6	1				
7	6	1				
8	6	1				
9	6	1				
10	6	1				
11	6	1				
12	6	1				

Harper and middle parts of the
 twenty four hour gauge breeze and
 shivering. All chasing sail set.
 At 10.30 a.m. quality wind shifted
 suddenly to the S. wind took small
 light sail and shenker set for etc. small
 sand mizen stay sails

Clouds with moderate breeze and
 thick racing weather

Course.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
11.29° E	15.5	30.3	152.6	3.5.5.33		11° 6'	3° 08' E	14.2.0	

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
1	5		SE	hlc	3/4	
2	5					
3	5		SE			
4	5		SE			
5	5		SE			
6	5		SE			
7	5		SE			
8	5		SE			
9	5		SE			
10	5		SE			
11	5		SE			
12	5		SE			
1	4		SE			
2	4		SE			
3	4		SE			
4	4		SE			
5	4		SE			
6	4		SE			
7	4		SE			
8	4		SE			
9	4		SE			
10	4		SE			
11	4		SE			
12	4		SE			

Commenced with thick racing weather
 and fresh breeze

At 11.00 a.m. part ditto

At 2.30 a.m. tackled ship to the h/c

Clouds with moderate breeze and
 cloudy set top of all sails flying jib
 off top sail

Course.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
11.29° E	72	14.1	71.6	3.5.39.9	3.5.3.5	12° 6'	1° 26' E	12.5.4	N. 30.6

Barque *Lea* from *Siberia* towards *Zanzibar*

H.	K.	H.K.	Courses.	Winds.	Lee.	Remarks.
1	4	1	ESE	North		<p>Commenced with moderate breeze and cloudy. At 1 P.M. set fore and main top, main-top, main-top gall, sail on starboard side.</p> <p>At 4 P.M. set lower studding sail.</p> <p>Throughout the night strong breeze took in lower and after studding sail.</p> <p>At 1 P.M. strong breeze and squally took in shank and all light sail.</p> <p>At 8.30 P.M. set main-top, galley sail.</p> <p>At 10-11.30 P.M. set all starboard and larboard, main-top, mast and top galley studding sail, main-top.</p> <p>Floes with fine breeze and cloudy.</p>
2	4	1				
3	4	1				
4	4	1				
5	4	1				
6	5	1				
7	5	1				
8	5	1				
9	6	1				
10	6	1		ble		
11	7	1				
12	7	1				
1	7	1				<p>At 1 P.M. strong breeze and squally took in shank and all light sail.</p> <p>At 8.30 P.M. set main-top, galley sail.</p> <p>At 10-11.30 P.M. set all starboard and larboard, main-top, mast and top galley studding sail, main-top.</p> <p>Floes with fine breeze and cloudy.</p>
2	7	1				
3	7	1				
4	7	1				
5	7	1				
6	7	1				
7	7	1				
8	7	1				
9	7	1				
10	7	1		West		
11	7	1				
12	7	1				

Course.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
ESE	157	253	154	36° 00'	36° 00'	136	3° 12'	942	7° 58'

H.	K.	H.K.	Courses.	Winds.	Lee.	Remarks.
1	6		ESE	West		<p>Commenced with fine breeze and cloudy. Set all light sail.</p> <p>At 2 P.M. took in main-top, mast and lower studding sail, braced the yards.</p> <p>At 9 P.M. took in main-top, galley and sail.</p> <p>At 11 P.M. moderate and cloudy.</p> <p>At 1 P.M. set main-top, mast and lower studding sail.</p> <p>Floes with moderate wind and pleasant.</p>
2	6					
3	6					
4	6					
5	5					
6	5	1				
7	4	1				
8	4	1				
9	4	1				
10	4	1				
11	4	1				
12	4	1				
1	4					<p>At 1 P.M. set main-top, mast and lower studding sail.</p> <p>Floes with moderate wind and pleasant.</p>
2	4					
3	4					
4	4					
5	3	1				
6	3	1				
7	3	1				
8	2	1				
9	2	1				
10	2	1				
11	2	1				
12	2	1				

Course.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
ESE	95	115	90	36° 00'	36° 00'	106	1° 50'	743	5° 10'

Return Number from *Platow* towards *Sanitar*

H. K. H. K. Courses. Winds. Lee. Remarks: *Thursday Dec 29th 1842*

1	3	1	SE by E
2	3		
3	1		
4	1		
5	2		
6	2	1	
7	1		
8	1		
9	"		
10	"		
11	"		
12	"		
1	1		SE by E
2	1		
3	1	1	
4	1	1	
5	1		
6	1		
7	1		
8	2	1	
9	4		
10	5		
11	4	1	
12	4		

Temperatures with moderate winds and pleasant all during sail set.

Middle part light airs and calms took in shudding sail at 10th braced up on the starboard tack

Wet with moderate winds and rainy weather

Course.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
<i>SE by E</i>	<i>41</i>	<i>26³</i>	<i>32⁸</i>	<i>36° 32'</i>		<i>16°</i>	<i>39' E</i>	<i>7° 04'</i>	

H. K. H. K. Courses. Winds. Lee. Remarks: *Friday Dec 30th 1842*

1	3		NE
2	2	1	
3	2		
4	2		
5	2		
6	2		
7	2		
8	1		
9	1		
10	1		
11	1		SE by E
12	1	1	
1	1		
2	1		
3	1		
4	1		
5	2	1	
6	2		
7	2		
8	3		
9	2		
10	2		
11	2		
12	1	1	

Throughout these twenty four hours light winds & foggy weather and drizzle thick and latter to be calm

All bracing sail set by the crew At 10³⁰ P.M. braced round the yards



Course.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
<i>SE by E</i>	<i>39</i>	<i>21³</i>	<i>33⁸</i>	<i>36° 53'</i>	<i>36° 41'</i>	<i>17°</i>	<i>41' E</i>	<i>6° 23'</i>	<i>3° 44'</i>

Argue Cavalier from Salem towards Sanibel

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Saturday Dec 31st 1842

H.	K.	H.K.	Courses.	Winds.	Lee.	Remarks.
1	2		SE by E 1/2 E			
2	2					
3	2					
4	2					
5	2		SE by E 1/2 E			
6	2					
7	2					
8	2					
9	1					
10	1					
11	1					
12	2					
1	2					
2	2					
3	2					
4	2					
5	2		SE by E 1/2 E			
6	2					
7	2					
8	3					
9	3	1	SE			
10	4					
11	4	1				
12	5					

Commenced with light wind and fine weather

At 7:30 P.M. hauled round on the starboard tack

Latter part moderate breeze and cloudy

Course.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
SE by E 1/2 E	50	4.2	2.6	31° 24'	31° 39'	1° 15' E	55 1/2	3° 14'	

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Sunday Jan 1st 1843

H.	K.	H.K.	Courses.	Winds.	Lee.	Remarks.
1	4	1	SE by E 1/2 E			
2	4	1				
3	4		SE by E			
4	4					
5	4		SE by E			
6	4					
7	4					
8	4					
9	4					
10	4		SE by E 1/2 E			
11	4					
12	4					
1	4					
2	4					
3	4	1				
4	4	1				
5	4	1				
6	4	1				
7	4	1				
8	4	1				
9	4	1				
10	4	1				
11	4	1				
12	5					

Throughout the twenty four hours good breeze and cloudy. All drawing sail set by the wind

Course.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
SE by E 1/2 E	123	10.9	12.2	37° 41'		18° E	2° 33'	3° 19'	

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Barque *Claribel* from *Tahiti* towards *Panama*
Monday Jan 2^d 1843

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
1	5		<i>E by N</i>	<i>W</i>		
2	5					
3	5					
4	5					
5	5					
6	5					
7	5					
8	5					
9	5					
10	5					
11	5					
12	5					
1	2					
2	2					
3	2					
4	3					
5	4					
6	4					
7	4					
8	4					
9	4					
10	4					
11	4					
12	4					

Course.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
<i>E by N</i>	<i>102</i>	<i>4 1/2</i>	<i>102 E</i>	<i>37 40 N</i>	<i>37 20 N</i>	<i>19 1/2</i>	<i>2 58 E</i>	<i>1 11 1/2</i>	<i>1 45 1/2</i>

Tuesday Jan 3^d 1843

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
1	5		<i>E by N</i>	<i>W</i>		
2	5					
3	5					
4	5					
5	5					
6	5					
7	5					
8	5					
9	5					
10	5					
11	5					
12	5					
1	5					
2	5					
3	5					
4	5					
5	5					
6	5					
7	5					
8	5					
9	5					
10	6					
11	6					
12	6					

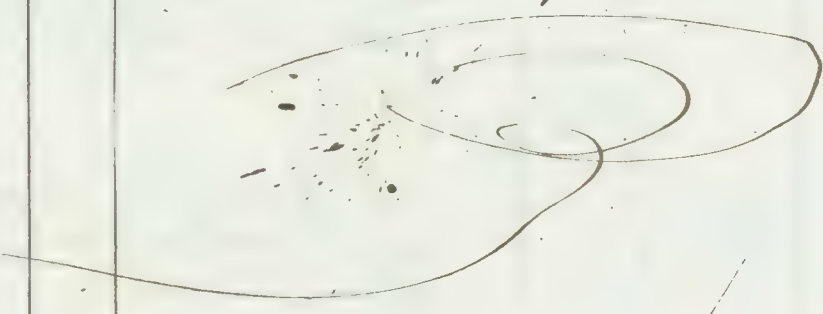
Course.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
<i>E 1/2 N</i>	<i>124</i>	<i>4 1/2</i>	<i>124 E</i>	<i>37 24 N</i>	<i>38 20 N</i>	<i>20 1/2</i>	<i>2 37 E</i>	<i>1 26 1/2</i>	<i>4 54 1/2</i>

Barge *Carabier* from *Seville* towards *Sancti*

H. K. H.K. Courses. Winds. Lee. Remarks. *Wednesday Jan 4th 1843*

1	5	1	SE	hble		
2	5	1				
3	5	1				
4	5	1				
5	5	1				
6	6					
7	6					
8	5	1				
9	5	1				
10	5	1				
11	5	1				
12	5	1				
1	5					
2	5					
3	5	1				
4	5	1				
5	5	1				
6	5	1				
7	5	1				
8	5					
9	5					
10	5					
11	5					
12	5					

*During the twenty four hours
on the most part thick foggy misty
drizzly rainy weather and
moderate wind All drawing sail set
to the best advantage*



Course.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
<i>SE</i>	<i>129</i>	<i>00</i>	<i>129</i>	<i>33° 50' N</i>	<i>37° 52' N</i>	<i>22°</i>	<i>2° 44' E</i>	<i>4° 10' E</i>	<i>5° 22' E</i>

H. K. H.K. Courses. Winds. Lee. Remarks. *Thursday Jan 5th 1843*

1	5		SE	hble		
2	5					
3	4	1				
4	4	1		hble		
5	3	1				
6	3					
7	3					
8	2					
9	2					
10	4			hble		
11	4					
12	4					
1	4	1				
2	4	1				
3	4	1				
4	5					
5	5					
6	5	1				
7	6			hble		
8	6					
9	6					
10	6					
11	6					
12	6					

*Coop in reef with moderate breeze
and cloudy hazy weather*

*At 3.30 PM sighted ship from port to starboard
O' the side and latter part of the day
weather and steady breeze*

At 2 PM sighted ship

*At 10 AM with fresh breeze and
breezy cloudy All drawing sail set*

Course.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
<i>SE</i>	<i>109</i>	<i>42</i>	<i>109</i>	<i>37° 45' N</i>	<i>37° 56' N</i>	<i>24°</i>	<i>2° 18' E</i>	<i>6° 28' E</i>	<i>10° 03' E</i>

Barge Traveller from Salem towards Buzzards

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H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
1	5		SE	W		
2	5					
3	5					
4	5					
5	5					
6	5					
7	5					
8	5					
9	5					
10	5					
11	5					
12	5					
1	5					
2	5					
3	5					
4	5					
5	5					
6	5					
7	5					
8	5					
9	5					
10	5					
11	5					
12	5					

Commenced with racing breeze and fine, sunny weather
At 12 drawing sail set

At 1 o'clock squally took in lower and top gall. Studding sail

Lost

At 4.30 o'clock wind shifted to the North by bed ship from South to Starboard

Clouds steady breeze and cloudy

Course.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
E 20° N	112	2 1/2	1 1/2	37° 49' N		25° 16'	3° 35' E	1° 06'	

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H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
1	5		SE	W		
2	5					
3	5					
4	5					
5	5					
6	5					
7	5					
8	5					
9	5					
10	5					
11	5					
12	5					
1	5					
2	5					
3	5					
4	5					
5	5					
6	5					
7	5					
8	5					
9	5					
10	5					
11	5					
12	5					

With 1/2 of the twenty four hours moderate breeze and cloudy all day

At 1 o'clock saw a barge. At 11 o'clock took in main studding sail

South

At 7 o'clock took in fore top mast studding sail

SE

Clouds with light wind and pleasant

Course.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
E 20° N	61	2 1/2	6 1/2	37° 49' N	37° 20' N	26° 16'	1° 16' E	11° 22'	16° 19' E

Bacone Cavalier from *St. Peter* towards *San Pedro*
 Jan 8th Sunday 1841

H.	K.	H.K.	Courses.	Winds.	Lee.	Remarks.
1	1					
2	1	1				
3	2					
4	2					
5	2					
6	2					
7	2					
8	2					
9	2					
10	2					
11	3					
12	3					
1	1					
2	1					
3	2					
4	2					
5	2					
6	2					
7	2					
8	2					
9	2					
10	2					
11	2					
12	2					

East ENE
St. Peter

ESE

*Throughout the twenty four hours
 light winds and pleasant all day
 sail set by the wind*

*Barometer at 12.00 the alt
 at 5.00 the ESE*

SE

Course.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
<i>4.00</i>	<i>1.3</i>	<i>2.5N</i>	<i>2.2E</i>	<i>36.55N</i>	<i>36.35N</i>	<i>2.6E</i>	<i>2.8E</i>	<i>11.50E</i>	<i>11.52E</i>

H.	K.	H.K.	Courses.	Winds.	Lee.	Remarks.
1	1					
2	1					
3	1					
4	1					
5	1					
6	1					
7	1					
8	1					
9	1					
10	1					
11	1					
12	1					
1	1					
2	1					
3	1					
4	2					
5	2					
6	2					
7	3					
8	4					
9	4					
10	4					
11	4					
12	4					

East ENE

*First part moderate light breeze and
 calm with fair weather
 sail set by the wind*

*At 3.30 set larboard fore and main
 top gall, studding sails*

NNE

*At 4.30 set starboard main top and both
 m.t.m. studding sails*

NNE

Latter part moderate breeze and pleasant

Course.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
<i>E 19.31</i>	<i>49</i>	<i>16.29</i>	<i>46.00</i>	<i>36.54.29</i>	<i>36.45.29</i>	<i>2.50E</i>	<i>5.8E</i>	<i>12.40E</i>	<i>12.40E</i>

from San Pedro

Burgess Sloop from *Salem* towards *London*

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
1	5		West	West		
2	5					
3	5					
4	5					
5	5					
6	5			to		
7	5					
8	5					
9	5	1				Impugned the tug, & sea, & some moderate breeze, and the boat
10	6	1				At 11 drawing sail set before the wind
11	5	1				At 12 shutting sails as required
12	5	1				
1	3	1		W		
2	4	1				
3	5	1				
4	5	1				
5	5	1				
6	5	1				At 6 o'clock set sail board & began shutting sail
7	5	1				
8	5	1				
9	5	1				
10	4	1		W		
11	4	1				
12	4	1				

Course.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
N 73° E	120	3.59	115	37° 20'	38° 15'	2 5/16	2° 24'	159° 12'	20° 44'

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
1	4	1	West	West		
2	4	1				
3	4	1				
4	4	1				
5	4	1				
6	4	1		W		Composed with fine weather and moderate breeze all drawing sail set before the wind
7	4	1				
8	3	1				
9	3	1				
10	4	1				
11	4	1		W		At 2 o'clock took in the shutting sails
12	4	1				
1	4	1				
2	4	1				
3	4	1				
4	4	1				At 11 o'clock part moderate wind and pleasant a very heavy swell from the N. ward
5	4	1				
6	4	1				
7	4	1		W		At 3 o'clock all squally appearance took in light sail by
8	4	1				At 6 o'clock them again
9	4	1				
10	4	1				
11	4	1				Close with the moderate wind and pleasant
12	4	1				

Course.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
N 73° E	96	2.70	94	37° 33'	38° 22'	2 9/16	2° 00'	159° 12'	27° 00'

Barquillo from *St. Louis* towards *Ambr*
Monday Jan 12th 1845

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H.	K.	H.K.	Courses.	Winds.	Lee.	Remarks.
1	2	1	SE	West		
2	2	1				
3	1	1				
4	1					
5	1					
6	1					
7	1					
8	1	1				
9	2			West		Commenced with lightning and
10	2					hail with clearing sail set
11	2					
12	1					At 2 P.M. gybed ship.
1	1					
2	1					
3	1					
4	1					
5	1	1				
6	1	1				
7	6					At 9 P.M. gybed ship.
8	6					
9	6					
10	6			West		
11	6					
12	6			West		At night and clear fine breeze & cloudy

Course.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. by Ob.
E 1/2 S	91	11 N	11 E	35° 11'	33° 52'	2° 19'	1° 50'	27° 06'

H.	K.	H.K.	Courses.	Winds.	Lee.	Remarks.
1	6		E 1/2 E	SE		
2	6					
3	6					
4	6					
5	1		E 1/2 S	South		Commenced with fine breeze and
6	1					cloudy
7	1		East			At 1 P.M. clearing sail set
8	1					
9	1					
10	4	1				
11	4	1				At 2 P.M. took in lower and
12	1					studding sails
1	1		E 1/2 E			
2	1					
3	4	1	East			At 5 P.M. took in 2 P.M. studding sail
4	4					and royals
5	4					At 8 P.M. set royals
6	4					
7	4	1				
8	4	1				
9	5		E 1/2 West			Clear with fresh breeze and cloudy
10	5					
11	5					
12	5					At 1 P.M. clearing sail set on a wind

90

Course.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
E 1/2 S	118	14 N	10 E	37° 00'	36° 25'	3° 35'	2° 11'		26° 40'

91 *Return from* *from* *towards* *Jan. 14th 1843*

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
1	5		East			
2	5			from		
3	5					
4	5					
5	4		E by N			Commenced with fresh breeze and squally weather
6	4					At 1 P.M. furled top sail
7	4					giving jib &c. At 2.30 took top gaff sail
8	4					with jib &c. At 4 P.M. double reefed
9	4	1		to		top sail. At 5 set main.
10	4	1				During the night moderate and
11	4					cloudy but at night and set top gaff sail
12	1	1				with top sail set at night standard sail
1	1					At 11 P.M. had thick rainy weather
2	1					
3	1					
4	1					
5	1					
6	1					
7	1					
8	1					
9	1					
10	1					
11	1					
12	1					

Course.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
E 1/2 N	102	39 1/2	94 E	35 46 N	35 21 N	30 E	1 57 E	28 46 E	28 51 E

92 *Monday Jan. 15th 1843*

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
1	5	1	E by E			
2	5	1				
3	5	1				Commenced fresh breeze and cloudy
4	5	1				At 4 P.M. furled top sail
5	5	1				At 5 " " fore top gaff sail
6	5	1				At 5.30 " " main top gaff sail
7	5	1				At 6 double reefed the top sail & set main
8	5	1				At 6.30 furled top sail & set main
9	5	1				At 7.30 set them again
10	5	1				At 8 furled ditto
11	5	1				At 9 set them. During the night weather
12	5	1				thick and rainy set top sail
1	5	1				
2	5	1				
3	5	1				
4	5	1				
5	5	1				
6	5	1				
7	5	1				
8	5	1				
9	5	1				
10	5	1				
11	5	1				
12	5	1				

Course.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
E 1/2 N	70	15 1/2	88 E	35 40 N	36 10 N	29 E	1 21 E	30 16 E	29 45 E

St. John's from *St. John's* towards *St. John's*
Jan 10th 1843

H.	K.	H.K.	Courses.	Winds.	Lee.	Remarks.
1	6		10 by 6	by 6		
2	6			by 6		
3	6			by 6		
4	6			by 6		
5	5	1		by 6		
6	5	1		by 6		
7	5	1		by 6		
8	4			by 6		
9	3			by 6		
10	3			by 6		
11	3			by 6		
12	3			by 6		
1	6	1		by 6		
2	6	1		by 6		
3	6	1		by 6		
4	6			by 6		
5	6			by 6		
6	6			by 6		
7	5	1		by 6		
8	5	1		by 6		
9	5	1		by 6		
10	5	1		by 6		
11	5	1		by 6		
12	5	1		by 6		

Course.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
E. 30° N	120	7 1/2	1 1/2	36° 23'	36° 22'	2° 40'	2° 40'	22° 48'	33° 09'

H.	K.	H.K.	Courses.	Winds.	Lee.	Remarks.
1	5		10 by 6	by 6		
2	5			by 6		
3	5			by 6		
4	5			by 6		
5	5			by 6		
6	5			by 6		
7	5			by 6		
8	5			by 6		
9	4	1		by 6		
10	4	1		by 6		
11	4	1		by 6		
12	4	1		by 6		
1	5			by 6		
2	5			by 6		
3	5			by 6		
4	5			by 6		
5	5			by 6		
6	5			by 6		
7	5	1		by 6		
8	5	1		by 6		
9	5			by 6		
10	5			by 6		
11	5			by 6		
12	5			by 6		

Course.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
E 50° N	120	15 1/2	1 1/2	35° 40'	35° 41'	3 1/2	2° 26'	25° 33'	35° 40'

Bar. the *Savannah* from *Savannah* towards *Savannah* Jan 18th 1848

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
1	5					
2	5					
3	5					
4	5					
5	5	1				
6	5	1				
7	5					
8	5					
9	5					
10	5					
11	5					
12	5					
1	5					
2	4	1				
3	4	1				
4	4	1				
5	4	1				
6	4	1				
7	4	1				
8	4	1				
9	4	1				
10	4	1				
11	4	1				
12	4	1				

From 1st to 20th twenty-four hours / steady moderate wind and fine weather. At 12th hoisting sail. Set again the wind. Sped 1st as required.

Course.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
E 26 th	116	50 th	104 th	34 th 58'	34 th 50'	30 th	2 th 07'	33 th 41'	33 th 54'

96

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
1	5					
2	5					
3	5	1				
4	5	1				
5	5	1				
6	5	1				
7	5	1				
8	5	1				
9	4	1				
10	4	1				
11	4	1				
12	4	1				
1	4	1				
2	4	1				
3	4	1				
4	4	1				
5	4	1				
6	4	1				
7	4	1				
8	4	1				
9	4	1				
10	4	1				
11	4	1				
12	4	1				

From 20th to 21st twenty-four hours / moderate breeze and fine weather. At 12th set to advantage.

Course.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
E 35 th	105	65 th	83 th	33 th 54'	33 th 43'	25 th	1 th 40'	39 th 34'	39 th 45'

Barque Warner from *Salina* towards *San Juan*
 Friday Jan 20th 1840

H.	K.	H.K.	Courses.	Winds.	Lee.	Remarks.
1	2					
2	2					
3	2					
4	3					
5	3	1				
6	3	1				Commenced with light wind and light sea
7	4	1	Chc			all drawing sail before the wind
8	4	1				
9	4					At 3 took in the lower studding sail
10	4					
11	4					At 4 took in the upper studding sail
12	4					
1	4	1	Chc			At 4.4 took in the studding sail and hoisted
2	4	1				up on the starboard tack
3	4	1				
4	4	1				
5	4					At 5 with moderate wind and light sea
6	4					all drawing sail set by the wind
7	4					
8	4					
9	4					
10	4					
11	4					
12	4					

Course.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
N. 56° E.	50	4 1/2	2	32° 22'	32° 20'	2 1/2	32' E.	40 20'	30° 47'

H.	K.	H.K.	Courses.	Winds.	Lee.	Remarks.
1	4					
2	4					
3	4					
4	4					
5	4					
6	4					
7	4					
8	4					
9	4					
10	4					At 10 took in the lower studding sail
11	4					moderate wind and light sea
12	4					all drawing sail set by the wind
1	4					
2	4					
3	4					
4	4					At 4.4 took in the upper studding sail
5	4					hoisted a brig steering to the
6	4					board and ahead
7	4					
8	4					
9	4					
10	4	1				
11	4	1				
12	4	1				

Course.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
N. 56° E.	116	11 1/2	30	32° 16'	30° 55'	26 1/2	35' E.	39 16'	35° 55'

99
Hague & Cavaler

from

1. 11. 11.

towards

San Diego

H. K. H. K. Courses. Winds. Lee. Remarks. Sunday Jan 22 1843

1	5					
2	5					
3	5					
4	5					
5	5					
6	5					
7	5					
8	5					
9	5					
10	5					
11	5					
12	5					
1	5					
2	5					
3	5					
4	5					
5	5					
6	5					
7	5					
8	5					
9	5					
10	5					
11	5					
12	5					

Completed with moderate winds and pleasant all during sail set by the wind
At 2 P.M. took aboard 1000 lbs of
At 3 P.M. squally, took in 100 lbs of sail
At 4 P.M. fine breeze and pleasant set royal
Remained fine breeze and pleasant
At 10 P.M. all during sail set by the wind

Course.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
N 60° E	115	5 1/2	99 E	29° 11' 2"	29° 20'	2 1/2 W	1° 55' E	40° 52' E	40° 16' E

100

H. K. H. K. Courses. Winds. Lee. Remarks. Monday Jan 23 1843

1	5					
2	5					
3	6					
4	6					
5	6					
6	6					
7	6					
8	6					
9	6					
10	6					
11	6					
12	6					
1	6					
2	6					
3	5					
4	5					
5	5					
6	6					
7	6					
8	6					
9	5					
10	5					
11	5					
12	5					

Completed with moderate winds and squally all during sail set by the wind
At 2 P.M. took aboard 1000 lbs of
At 3 P.M. squally, took in 100 lbs of sail
At 4 P.M. fine breeze and pleasant set royal
Remained fine breeze and pleasant
At 10 P.M. all during sail set by the wind
At 11 P.M. all during sail set by the wind
At 12 P.M. all during sail set by the wind
At 1 P.M. all during sail set by the wind
At 2 P.M. all during sail set by the wind
At 3 P.M. all during sail set by the wind
At 4 P.M. all during sail set by the wind
At 5 P.M. all during sail set by the wind
At 6 P.M. all during sail set by the wind
At 7 P.M. all during sail set by the wind
At 8 P.M. all during sail set by the wind
At 9 P.M. all during sail set by the wind
At 10 P.M. all during sail set by the wind
At 11 P.M. all during sail set by the wind
At 12 P.M. all during sail set by the wind

Course.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
N 21° E	139	12 9/16	50 E	29° 29' 0"	29° 39'	2 1/2 W	5 1/2 E	41° 13' E	41° 01' E

101 *Barque Carabier* from *Habon* towards *San Juan* Jan 24th 1843 101

H.	K.	H.K.	Courses.	Winds.	Lee.	Remarks.
1	6		North	SE		
2	6					
3	6					
4	6					
5	6	1				
6	6	1				
7	6	1				
8	6					
9	6					
10	6	1				
11	6	1				
12	6	1				
1	6	1				
2	6	1				
3	6					
4	6					
5	6	1				
6	6					
7	6					
8	6					
9	6					
10	6					
11	6					
12	6					

Throughout the twenty four hours
 fine breeze and cloudy
 At 10 drawing sail set
 At 12 took in all the standing sail
 P

Course.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
316°E	151	140	41E	25°10'	25°07'	26°N	46'E	4147	42°07'E

H.	K.	H.K.	Courses.	Winds.	Lee.	Remarks.
1		1	N East	Soutr		
2		1				
3		1				
4		1				
5		1				
6		1				
7		1				
8		1				
9		1				
10		1				
11		1				
12		1				
1		1				
2		1				
3		1				
4		1				
5		1				
6		1				
7		1				
8		1				
9		1				
10		1				
11		1				
12		1				

Throughout the twenty four hours
 crackling breeze and, passing clouds
 At 10 took in all the standing sail
 At 12 set all the top gallant sail
 At 1 set all the top gallant sail
 At 530 to 8 set all the top gallant sail
 At 530 to 8 set all the top gallant sail
 At 930 saw land of Allacogean to the Eward
 30 miles distant

Course.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
119°E	152	141	50E	22°40'	22°33'	23°N	55'E	4302	42°53'E

102

103 *Barbours* from *Halifax* towards *Halifax* *Thursday Jan 26th 1843*

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
1	8		3/4 E	WSE		
2	8					
3	8					
4	8					
5	8					
6	8					Commenced by the one line of
7	8					and 'edging each by the
8	8					before the wind
9	8					
10	8					At 8 took in main royal &c
11	8	1				to a full sheeting sail
12	8	1				
1	6	1				
2	6	1				
3	6	1				Returning land in sight to the Eward
4	6	1				
5	6	1				
6	6	1				
7	6	1				At 10 with moderate breeze and
8	6	1				pleasant
9	6	1				At 11 bearing sail. etc
10	6	1				
11	5	1				
12	5	1				

Course.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
24 th	165	16 th 4	106	19 th 42'	19 th 41'	19 th 6'	11 th 6'	42 th 48'	42 th 41'

104 *Barbours* from *Halifax* towards *Halifax* *Friday Jan 27th 1843*

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
1	5		3/4 E	WSE		
2	5					
3	5					
4	5					
5	5					
6	5					
7	5	1				
8	5	1				
9	5	1				
10	5	1				
11	5	1				
12	5	1				
1	5	1				
2	5	1				
3	5	1				
4	4	1				
5	4	1				
6	4	1				
7	4	1				
8	4	1				
9	4	1				
10	3	1				
11	3	1				
12	3	1				

Course.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
21 th	111	110 th 4	196	19 th 50'	19 th 34'	18 th 6'	21 th 6'	42 th 48'	42 th 17'

10.5

7) Arrived at Port George twenty four hours
moderate trade and pleasant weather
Sail set for the wind (still changing)

12 = 0.00			43.38
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106

Throughout these twenty four hours
moderate breeze and light all day
sail set

Oct 4. 1860. In Atlantic Soundings in 2nd station
Oct 5. In Low-ethered station
Leaving ~~Fort~~ Danby

[illegible]

Baron Larrier from *Taunton* towards *San Juan*
Monday Jan 30th 1843

107

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
1	0					
2	4					
3	7		East	1/2 E		
4	0					
5						Compass with squally rainy weather
6						took in light sail
7						At 3 set it again
8						
9						
10						At 11/2 lost light and calm
11						At 12 set light and calm
12						At 12 set light and calm
1						At 12 set light and calm
2						At 12 set light and calm
3						At 12 set light and calm
4						At 12 set light and calm
5						At 12 set light and calm
6						At 12 set light and calm
7						At 12 set light and calm
8						At 12 set light and calm
9						At 12 set light and calm
10						At 12 set light and calm
11	2		East	1/2 E		At 12 set light and calm
12	2					At 12 set light and calm

Course.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
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108

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
1	3					
2	3					
3	2		East			
4	0					
5	1	1				
6	1	1				
7	0					
8						
9						
10	2					
11	2					
12						
1						
2						
3	2					
4	3					
5	2					
6	2					
7	1					
8	1					
9	1					
10	2					
11	2					
12	2					

Course.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
					15.40				42.05

Barometer from *N. 11th* towards *S. 11th*
Reduced to 30 in. 1843

H.	K.	H.K.	Courses.	Winds.	Lee.	Remarks.
1	1		1 E	1		
2	1			1		
3	1			1		
4	1			1		
5	1			1		
6	1			1		
7	1			1		
8	1			1		
9	1			1		
10	1			1		
11	1			1		
12	1			1		
1	1			1		
2	1			1		
3	2			1		
4	1			1		
5	1			1		
6	2			1		
7	3			1		
8	3			1		
9	3			1		
10	2			1		
11	2			1		
12	1			1		

109

Throughout the twenty four hours light variable winds and partly with squally

Course.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
<i>120° E</i>	<i>52</i>	<i>28h</i>	<i>14</i>	<i>15° 22'</i>	<i>15° 23'</i>	<i>18°</i>	<i>15° E</i>	<i>42°</i>	<i>15° E</i>

H.	K.	H.K.	Courses.	Winds.	Lee.	Remarks.
1	2		1 E	1		
2	1			1		
3	1			1		
4	1			1		
5	1			1		
6	1			1		
7	2			1		
8	2			1		
9	2			1		
10	2			1		
11	2			1		
12	2			1		
1	2			1		
2	2			1		
3	2			1		
4	3			1		
5	3			1		
6	4			1		
7	4			1		
8	3			1		
9	2			1		
10	2			1		
11	2			1		
12	2			1		

110

Throughout the twenty four hours light variable winds (W) clear weather

Course.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
<i>139° E</i>	<i>58</i>	<i>45h</i>	<i>13</i>	<i>14° 23'</i>	<i>14° 46'</i>	<i>18°</i>	<i>35° E</i>		<i>44° 33'</i>

Baron Carver from *Nahant* towards *Barnstable*

111

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
1	3		N. East			Friday Feb. 3 ^d 1843
2	3					
3	3			Variable		
4	3					
5	4					
6	4					
7	4	1	North	from		2) throughout the twenty four hours
8	4	1				moderate wind and pleasant
9	4	1				
10	5		N. E. South			
11	5		W. by N.			
12	5					
1	4	1		W. by N.		
2	4	1				
3	4	1				
4	4	1				
5	4	1				
6	4	1				
7	3	1				
8	3	1				
9	3	1				
10	2	1				
11	2	1				
12	1	1				

At 8.30 A.M. saw a schooner (Leak)
bearing N. E. 30 miles distant

Course.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
					1° 55'			44° 22'	

112

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
1	3		N. East			Saturday Feb. 4 th 1843
2	2	1				
3	2					
4	2					
5	2					Commenced with light breeze and
6	2					pleasant
7	1	1				
8	1			W. by N.		
9	0					At 3.30 reached a buoy and being
10	"					took in light sail
11	"					
12	"					
1	"					Morning saw the island of Nantuxet
2	"					
3	1		N. East			At 6 P.M. saw a schooner
4	1	1				
5	1	1				
6	1	1				
7	2	1				
8	2	1	N. E. North			Light breeze moderate breeze and
9	3					pleasant at 6 P.M. saw a schooner
10	3					
11	3					
12	3					

Light breeze moderate breeze and
pleasant at 6 P.M. saw a schooner

Course.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
					1° 50'			44° 47'	

Barre Laverie from *Port of Call* towards *San Juan*
Sunday Feb 6th 1843

H.	K.	H.K.	Courses.	Winds.	Lee.	Remarks.
1	3		W. by N.	from		
2	3		W. by N.	from		
3	3		W. by N.	from		
4	2	1		North		
5	2	1		North		
6	2	1				
7	2	1				
8	2	1				
9	2	1	E. by N.			
10	2	1				
11	2	1				
12	2	1	W. by N.			
1	2	1				
2	1					
3	1					
4	2	1				
5	2	1	N. by E.			
6	2	1				
7	2	1				
8	3	1	North			
9	3	1				
10	3	1				
11	3	1				
12	3	1				

Course.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.

12° 21' N

H.	K.	H.K.	Courses.	Winds.	Lee.	Remarks.
1	5		N. by E.	East		
2	5		N. by E.	East		
3	5		N. by E.	East		
4	5			South		
5	4			South		
6	4			South		
7	4			South		
8	2					
9	2					
10	2					
11	1					
12	1					
1	1					
2	"					
3	"					
4	"					
5	1		South	E. by N.		
6	2					
7	2					
8	3					
9	3					
10	3					
11	3					
12	3					

Course.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.

11° 50' N

42° 30' E

115 *R. M. Farwell* from *Yellow* towards *San Francisco*

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
1	2	1	by East			Monday 3rd July 1843
2	2	1				
3	2	1				
4	2	1				
5	7	1				Commenced with light wind and
6	1	1				calm weather
7	1	1				
8	1	1				
9	1	1				At 11 A.M. part light breeze wind and
10	0	1				calm
11	"	1				
12	"	1				
1	"	1				
2	"	1				At 11 A.M. took in all light sail
3	"	1				
4	"	1				
5	1	1				Then at 10 A.M. set all light sail and
6	1	1				1/2 of fore top-sail, lower E. bottom
7	1	1				of gaff and 1/2 of main
8	1	1				
9	1	1				
10	4	1				At 11 A.M. set all light sail and
11	4	1				1/2 of fore top-sail, lower E. bottom
12	3	1				of gaff and 1/2 of main

Course.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
42° 1/2	45	45 1/2	2 1/2	10° 35' 30"	10° 40' 30"	1 1/2	2 1/2	42° 0' 0"	42° 18' 0"

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
1	3		by East			Tuesday 4th July 1843
2	3					
3	2	1				
4	2	1				
5	2	1				
6	2	1				
7	2	1				
8	2	1				
9	2	1				
10	3	1				
11	3	1				
12	3	1				
1	2	1				
2	2	1				
3	2	1				
4	2	1				
5	2	1				
6	2	1				
7	2	1				
8	2	1				
9	2	1				
10	2	1				
11	2	1				
12	2	1				

Course.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
42° 1/2	56	56 1/2	2 1/2	9° 45' 30"	9° 38' 30"	1 1/2	2 1/2	42° 0' 0"	41° 41' 0"

Berquo Harbor from *Portsmouth* towards *Portsmouth* *Apr 10th 1843*

H.	K.	H.K.	Courses.	Winds.	Lee.	Remarks.
1	2	1	NE			
2	2	1	NE			
3	2	1	NE			
4	2	1	NE			
5	2	1	NE			
6	2	1	NE			
7	3					
8	3	1				
9	3	1				
10	4	1				
11	4	1				
12	4	1				
1	4					
2	3	1				
3	3	1				
4	2	1				
5	2	1				
6	2	1				
7	3	1				
8	4	1				
9	3	1				
10	0					
11	2					
12	3					

Throughout the twenty four hours light, windy and pleasant. All drawing sail set to advantage.

Course.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
<i>2 1/2</i>	<i>50</i>	<i>50 N</i>	<i>3 1/2</i>	<i>8 1/2</i>	<i>8 1/2</i>	<i>1 1/2</i>	<i>3 1/2</i>	<i>41 35</i>	<i>8</i>

H.	K.	H.K.	Courses.	Winds.	Lee.	Remarks.
1	3		NE			
2	3		NE			
3	2		NE			
4	2		NE			
5	2		NE			
6	2	1				
7	2	1				
8	2					
9	2					
10	2					
11	2					
12	2					
1	3					
2	3					
3	2					
4	2					
5	3	1				
6	4					
7	4	1				
8	4	1				
9	3	1				
10	3	1				
11	3					
12	2	1				

Throughout the twenty four hours moderate and pleasant. All drawing sail set to advantage.

Portsmouth

Course.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
					<i>7 10</i>			<i>40 33</i>	<i>8</i>

an hour

119

[illegible]

120

[illegible]

Barque Caravel from *San Pedro* towards *Marina*
 H. K. H. K. Courses Winds Lcc. Remarks *Saturday Feb 25th 1849*

1
2
3
4
5
6
7
8
9
10
11
12
1
2
3
4
5
6
7
8
9
10
11
12

*At 2 P.M. got under way for Marina and when
 commenced steaming at 3 P.M. the wind
 from the East by the force of the main
 sail got the steaming sail
 At 5 look in steaming sail*

Course. Dist. Diff. lat. Dep. Lat. by D. R. Lat. by Ob. Varia. Diff. Long. Long. in. Long. by Ob.

H. K. H. K. Courses Winds Lcc. Remarks *Sunday Feb 26th 1849*

1
2
3
4
5
6
7
8
9
10
11
12
1
2
3
4
5
6
7
8
9
10
11
12

*from
 the
 to
 the*

*Commenced with moderate wind and
 pleasant
 Latter part, rain and squalls*

Course. Dist. Diff. lat. Dep. Lat. by D. R. Lat. by Ob. Varia. Diff. Long. Long. in. Long. by Ob.

Barque *Camille* from *San Juan* towards *San Juan*

3

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
1						
2						
3						
4				East		
5				do		
6						
7						
8						
9						
10						
11				SE		
12						
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						

all moderate winds and generally is calm with occasional squalls. Look in and make sail as required.



Course.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.

4

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
1						
2						
3						
4						
5						
6						
7				West		
8						
9						
10				West		
11						
12						
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						

Same as preceding day



Course.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.

5

Compaired with 1900. the seeing was then
clear. downy of (E.C.)

Throughout the night moderate steady breeze
and pleasant

At 6.30 P.M. saw a large to windward
steering to the westward

Close with light coming and pleasant

H.	K.	H.K.	Courses.	Winds.	Lce.	Remarks.
						Thursday March 2 ^d 1872

Commences with light wind and
equally appearances.

Letter - part moderate and pleasant

[illegible]

Barque Carrier from *Bombay* towards *Calcutta*
March 5th 1848

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						

Calcutta *March 5th 1848*
Off. party moderate breeze and
fresh from N.E. & S.W. tacked ship
regarded

Course.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						

March 7th 1848
Off. party moderate wind with frequent
squalls, trimmed and reduced sail
required

Course.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.

Morgan's Cavalier from *San Blas* towards *Guayaquil*
March 15th 1843

H.	K.	H.K.	Courses.	Winds.	Lee.	Remarks.
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						

Same as the preceding day

7

Course.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.

5.50

Clancy March 6th 1843

H.	K.	H.K.	Courses.	Winds.	Lee.	Remarks.
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						

Same as the preceding day

5

Course.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.

Barre Harbor from *San Diego* towards *Co. S. Union*
March 1st 1843

11

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
1				E 4 E		
2				+		
3				+		
4				to		
5				South		
6				W 4 E		
7				to		
8						
9						
10						
11						
12						
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						

I commenced sailing at 10 AM and
actually a distance of
100 miles
(at 10 AM. Dr. 11 PM. and dark squally
rainy weather set in at 10 PM. 11 PM.)
Continued moderate wind and squally
set. 11 PM. 12 AM. before the wind
Close with light wind and squally at 1 PM.

Course.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.

12

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
1			336			
2						
3				to		
4						
5						
6				to		
7						
8						
9						
10						
11						
12						
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						

At 11 PM. the twenty four hour
moderate breeze with occasional
showers and snow.
At 10 PM. 11 PM. 12 AM. set

Course.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.

8 38 2

Barre Harbor from *Amherst* towards *Chapinac*
Thursday March 9th 1843

13

H.	K.	H.K.	Courses.	Winds.	Lee.	Remarks.
1			<i>SE</i>			
2						
3				<i>North</i>		
4						
5						
6						
7						
8				<i>to</i>		
9						
10				<i>the</i>		<i>Yours of yesterday</i>
11						
12						
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						

Course.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
					<i>10' 00"</i>				

Friday March 10th 1843

14

H.	K.	H.K.	Courses.	Winds.	Lee.	Remarks.
1			<i>SE</i>			
2				<i>North</i>		
3						
4						
5						
6				<i>to</i>		
7						
8						
9						
10						
11						
12				<i>West</i>		
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						

Course.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.

Barre (arrived)

from

towards

San Juan

(arrived)

15

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
1			SE			
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						

Departing with moderate wind and cloudy weather. At 2 pm fair bearing SE. At 5 pm moderate wind and rain. At 8 pm bore light & miles distant. Following saw Santa Rosa bearing NE at 10 pm. At 12 pm moderate breeze and fine weather. At 1 pm bore E & E miles distant.

Course.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
					12° 55'				

16

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
1			SE			
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						

Commenced steady breeze and pleasant. During the night some light breeze with rain took in light sail. Day with light breeze and pleasant.

Course.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
					13° 38'				

Barometer from 30.00 in. towards 30.10 in. *Monday March 13th 1843*

17

H.	K.	H.K.	Courses.	Winds.	Lee.	Remarks.
1			256			
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						

Surcagney - these twenty four hours light wings and fine weather at the drawing sail, etc.

Course.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
					63° 57' 38"				

18

H.	K.	H.K.	Courses.	Winds.	Lee.	Remarks.
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						

Course.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.

[illegible]

<i>from</i>							<i>towards</i>				
H.	K.	H.K.	Courses.	Winds.	Lee.	Remarks.					
1											
2											
3											
4											
5											
6											
7											
8											
9											
10											
11											
12											
1											
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4											
5											
6											
7											
8											
9											
10											
11											
12											
Course.			Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.

H.	K.	H.K.	Courses.	Winds.	Lee.	Remarks.					
1											
2											
3											
4											
5											
6											
7											
8											
9											
10											
11											
12											
1											
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3											
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6											
7											
8											
9											
10											
11											
12											
Course.			Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.

<i>from</i>							<i>towards</i>				
H.	K.	H.K.	Courses.	Winds.	Lee.	Remarks.					
1											
2											
3											
4											
5											
6											
7											
8											
9											
10											
11											
12											
1											
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7											
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9											
10											
11											
12											
Course.			Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.

H.	K.	H.K.	Courses.	Winds.	Lee.	Remarks.					
1											
2											
3											
4											
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6											
7											
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9											
10											
11											
12											
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9											
10											
11											
12											
Course.			Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.

from						towards					
H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.					
1											
2											
3											
4											
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8											
9											
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11											
12											
1											
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6											
7											
8											
9											
10											
11											
12											
Course.			Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.					
1											
2											
3											
4											
5											
6											
7											
8											
9											
10											
11											
12											
1											
2											
3											
4											
5											
6											
7											
8											
9											
10											
11											
12											
Course.			Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.

from

towards

H.	K.	H.K.	Courses.	Winds.	Lee.	Remarks.
----	----	------	----------	--------	------	----------

1						
2						
3						
4						
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12						

Course.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
---------	-------	------------	------	---------------	-------------	--------	-------------	-----------	--------------

H.	K.	H.K.	Courses.	Winds.	Lee.	Remarks.
----	----	------	----------	--------	------	----------

1						
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11						
12						

Course.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
---------	-------	------------	------	---------------	-------------	--------	-------------	-----------	--------------

Sold by FRANCIS PUTNAM, 198 Essex Street, Salem, Mass.

<i>from</i>						<i>towards</i>					
H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.					
1											
2											
3											
4											
5											
6											
7											
8											
9											
10											
11											
12											
1											
2											
3											
4											
5											
6											
7											
8											
9											
10											
11											
12											
Course.			Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.					
1											
2											
3											
4											
5											
6											
7											
8											
9											
10											
11											
12											
1											
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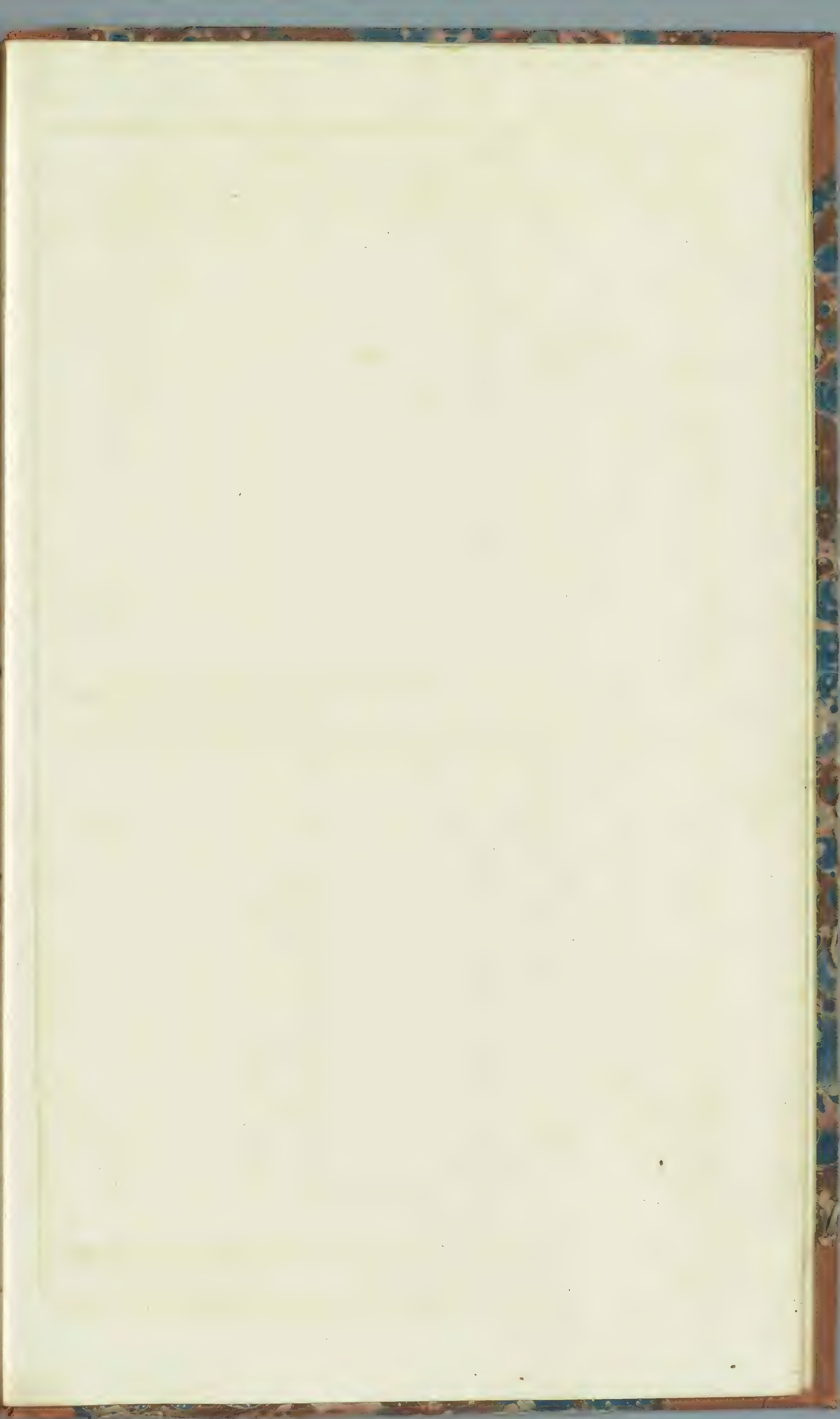
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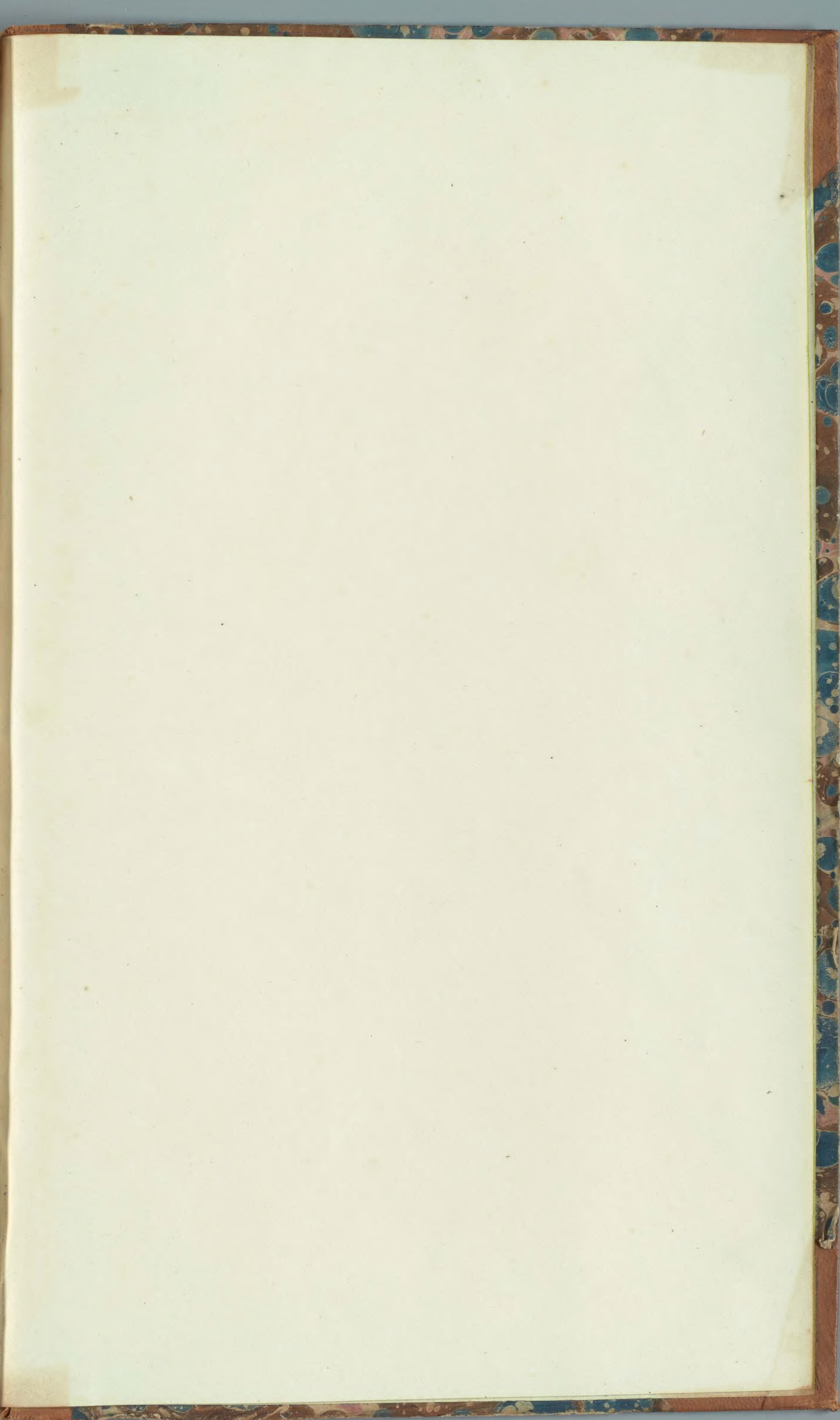
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